



Jyothi Engineering College

NAAAC Accredited College with NBA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O, CHERUTHURUTHY, THRISSUR. PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

Best Practice-2

7.2.2. Revamped Teaching Learning (RTL) Process

Sl. No.	Particulars	Document Proof
1.	Tech Talk	Relevant Documents
2.	JEC Talk	Relevant Documents
3.	E-course book	Relevant Documents
4.	Answer Repository System	Relevant Documents
5.	MCQ	Relevant Documents
6.	Mentoring	Relevant Documents
7.	Add on Course	
8.	Evidence of Success	
	8.1. English Proficiency	Relevant Documents
	8.2 Competitive Exam	
	8.3 Paper Publication	
	8.4 Innovative Project Ideas	

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Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O.-679531



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Tech Talk Series

It is a platform for having discussion about recent technological aspects and issues facing by society along with corresponding technologists from various industries and educational institutions. Being the technology leaders of this geographical area, faculty members from Jyothi Engineering college takes a lead role in presenting the issues and related topics and followed by the talks by the external experts of more than one hour duration. Afterwards, the audience are given the chance to share their views and doubts. Serious discussions will be going on based on the relevance of the topics. Frequency of the programme is once in a month and it will be conducted every third Sunday of the month at Press club hall Thrissur. Under this title, various departments of Jyothi Engineering College organize the talk in their relevant fields.

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[Signature]

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Jyothi Tech Talk Series

SI No	Topic	Department	Date
1	Poverty In India- Trends, Methodology, Policy Challenge	BSH	17.11.2019
2	Solar Power - Green, Renewable & Cost-effective Source of Energy	ECE	15.12.2019
3	ELECTRIC VEHICLES – Technology, Opportunities & Scope	EEE	19.1.2020
4	DOMESTIC POLLUTION & REMEDIAL MEASURES	CE	16.2.2020

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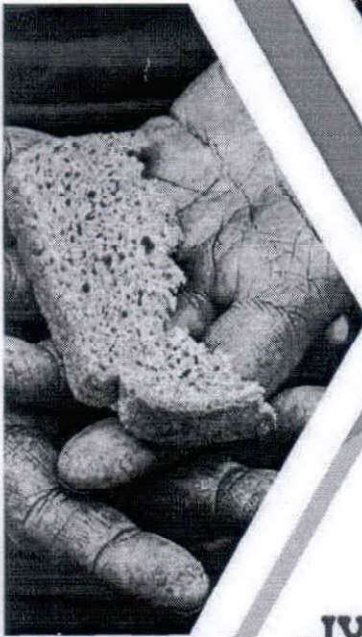
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VENUE: THE PRESS CLUB HALL, THRISSUR

17 NOV 2019

@ 03:00 PM



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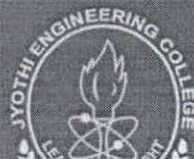
Sunny

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Jyothi Engineering College
Thiruvananthapuram, Kerala 679 531

POVERTY IN INDIA

Trends, Methodology & Policy Challenges

A Panel Discussion
Join us for an Informative Evening



Jyothi

Jyothi Engineering College is a Centre of Excellence in Science & Technology founded by the Catholic Archdiocese of Thrissur situated in Cheruthuruthy, Thrissur. This NAAC accredited college, with NBA accredited departments, is affiliated to the All India Council for Technical Education (AICTE), New Delhi. It is also affiliated to APJ Abdul Kalam Kerala Technological University (KTU) and the University of Calicut. We offer six courses in BTech, five in MTech and BTech Honours. We also have PhD programs. Jyothi Engineering College started functioning at Cheruthuruthy in 2002 and within a decade it has achieved an enviable position as the fourth best engineering college in the state and stands third among the engineering colleges affiliated to APJ Abdul Kalam Technological University.

Are educational institutions just places to collect degrees and move out?

We believe... 'IT IS NOT ENOUGH'

These centres have much greater roles to play in the society. They are the centres of excellence filled with commitment to the common causes of the society. They create societal awareness in order to address every change around us. Thus was born the idea of the TECH-TALK Series.

Poverty is a worldwide phenomenon. It is complex in nature and not amenable for easy analysis. Millions of people are under constant threat of abject poverty. Under these conditions, it becomes imperative on the part of Government, non-Governmental agencies and private organizations to launch a multipronged and pluralistic approach on a war footing to mitigate the devastating effects of poverty. A simple calculation indicates that 58% of India's population is currently engaged in agriculture. At this juncture, let us not sit idle but come together and brainstorm in order to work for a better tomorrow of our nation and the coming generations...

The master minds to lead us are:

PANEL

Dr. Mani K. P.

(Director & Professor of School of Management, De Paul Institute of Science & Technology, Angamaly, Former Professor and Head, Department of Economics, Dr. John Matthai Centre, Thrissur)

Dr. Chacko Jose P.

(Associate Professor & Head, Department of Economics, Sacred Heart College, Chalakudy)

Dr. Peter M. Raj

(Associate Professor, Kerala Institute of Local Administration (KILA))

AUSPICIOUS PRESENCE

Msgr. Thomas Kakkassery (Manager, JECC)

Fr. Roy Joseph Vadakkan (Secretary and Campus Head, JECC)

Fr. Dr. Jose Kannampuzha (Director of Academics, JECC)

Fr. Dr. Jaison Paul Mulerikkal CMI (Principal, JECC)

Sr. Dr. Rose Anitha (Director of Research, JECC)

Dr. Lazar John (Director of Industry & Human Relations, JECC)

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Cheruthuruthy P.O.-679 531



Jyothi
Engineering College

15TH
DEC
2019

@ 3:00PM

THI TECH TALK SERIES 2

Solar Power

Green, Renewable &
Most effective source of Energy

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A Panel Discussion
for an Informative Evening

DR. SUNNY JOSEPH KALAYATHANKAL
Venue: PRESS CLUB HALL, **THRISSUR**. Ph.D. (Maths)
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

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Cheruthuruthy, P.O. 679 531



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Solar power is the key to a clean energy future. Every day, the sun provides us with far more energy than we need to power everything on earth. The sun provides more than enough energy to meet the whole world's energy needs and unlike fossil fuels, it will not get depleted. As a renewable energy source, the only limitation of solar power is our ability to turn it into electricity in an efficient and cost-effective way.

As greenhouse gas emissions are released into the atmosphere, we need to use solar panels to create electricity. Electricity from solar power is an important energy source in the move to clean energy production. Solar panels have been installed, operational costs are quite low compared to other forms of power generation.

PANEL

Mr. Vinod N

(District Engineer, ANERT, Thrissur)

Mr. Manoj V A

(Assistant Executive Engineer, KSEB)

Dr. Jose P Therattil

(HOD, Dept. of Electronics & Communication Engineering, JEC)

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Dr. Lazar John (Director of Industry & Human Relations, JEC)

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CREATING TECHNOLOGY
LEADERS OF TOMORROW
ESTD 2002

Jyothi

Engineering College



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TechTalk/CSR/2020/003

Jyothi Tech Talk Series 3

ELECTRIC VEHICLES

TECHNOLOGY, OPPORTUNITIES AND SCOPE

A Panel Discussion

Join us for an Informative Evening

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M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

19 JAN
2020

@ 03:00 PM

Venue : Press Club Hall, Thrissur

A CSR INITIATIVE

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Around the world electric vehicles have seen an unprecedented growth in the last decade. Touted as the future of mobility, electric vehicles are fitted with onboard batteries which, unlike conventional fuel tanks, can be charged using electricity. These batteries store and use the energy needed to power a set of electric motors, which ultimately propels the car forward. EVs can also reduce the emissions that contribute to climate change and smog, improving public health and reducing ecological damage. Charging the EV on renewable energy such as solar or wind minimizes these emissions even more. Setting up of proper charging infrastructure and simultaneous improvements in road infrastructure will definitely enhance the popularity of EVs in future. Overseeing the benefits of EV, Govt. of India had put forward directions for implementation of EV, with an ambitious plan of at least 5 to 7 million electrical vehicles by the year 2020 and complete conversion to this by 2030.

PANEL

Er. Vijayan Nandalan

(Former Scientist, ISRO)

Dr. Ajay Babu

(Assistant Professor, Department of EEE, NSS College of Engineering)

Dr. Jarin T.

(Associate Professor & Head, Department of EEE, Jyothi Engineering College)

AUSPICIOUS PRESENCE

Msgr. Thomas Kakkassery (Manager, JECC)

Fr. Roy Joseph Vadakkan (Secretary and Campus Head, JECC)

Fr. Dr. Jose Kannampuzha (Director of Academics, JECC)

Fr. Dr. Jaison Paul Mulerikkal CMI (Principal, JECC)

Sr. Dr. Rose Anitha (Director of Research, JECC)

Dr. U. Lazar John (Director of Industry & Human Relations, JECC)

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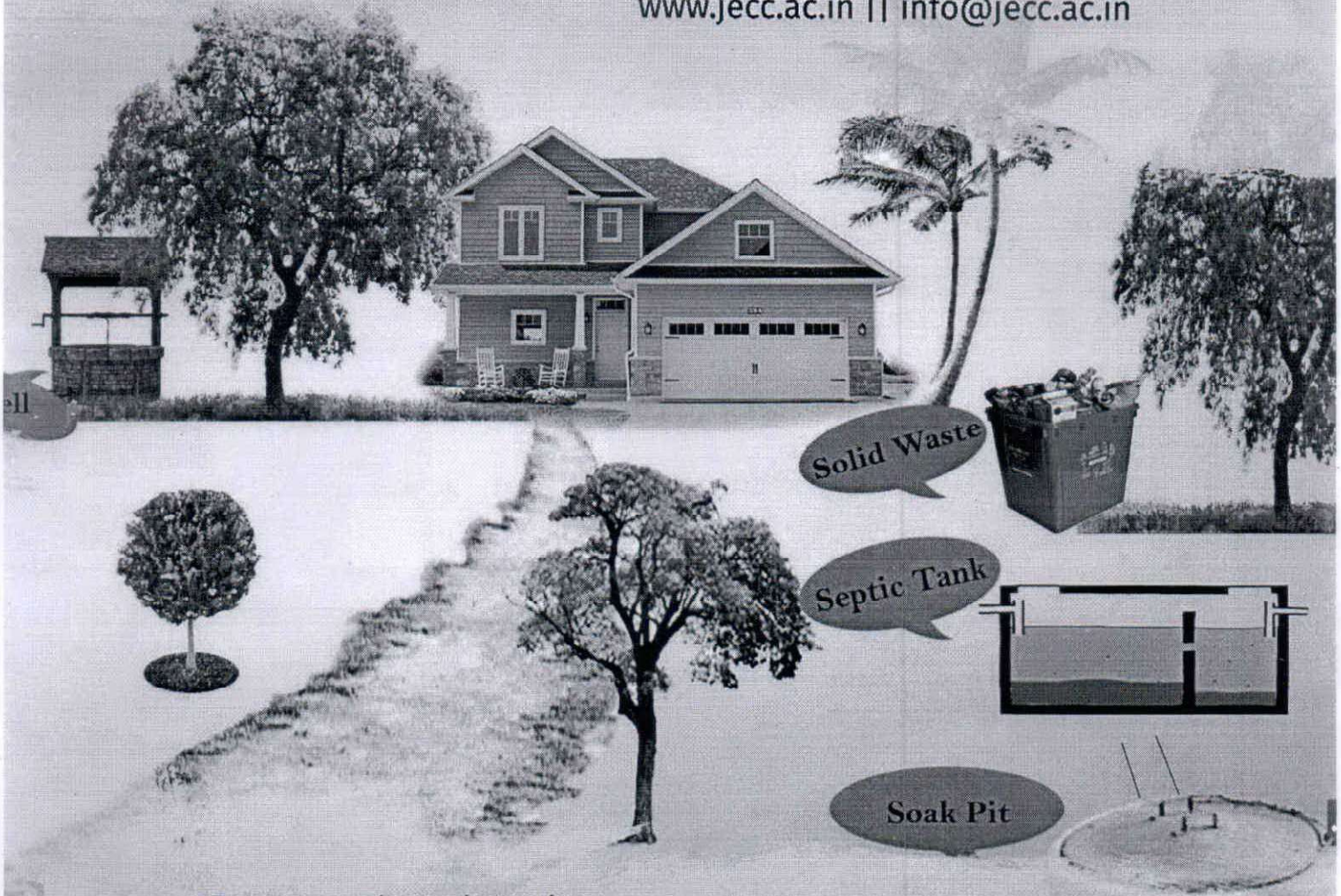
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TECHTALK/CSR/2020/004

JYOTHI TECH TALK SERIES IV

Domestic Pollution & Remedial Measures

A Panel Discussion

16 FEB 2020 @ 05:00 PM

Dr. SUNNY JOSE, KALAYATHANKAL
Mess Club Hall, Trissur
Ph.D (Comp. Science), Phil, B.Ed
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

Join us for an Informative Evening

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Amaro

CSR INITIATIVE

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Domestic Pollution and Remedial Measures

Sustainable waste management has always been a global concern, in terms of environmental contamination, public health, safety and economic stability. Ever rising urbanization and the subsequent waste generation, has called in for integrated assessments and holistic approaches for solutions concerning the matter. Environmental awareness and community participation in segregation and treatment of domestic waste at source itself has become the need of the hour. Kerala is one of the few Indian states that took effective measures to address the waste menace by launching the Clean Kerala Mission in 2002. However the issue needs continued efforts and greater participation to address it effectively. The objective of the seminar is to create awareness on the management of domestic waste through appropriate measures and ensure community participation in solving the problem.

PANEL

1. **Dr. Ajaykumar Varma**
(Former Executive Director Suchitwa Mission-Local Self Government Department Kerala)
2. **Dr. Girija D**
(Registrar-Kerala Agricultural University)
3. **Prof. S Rathish**
(Head of Civil Engineering Department, Jyothi Engineering College)

AUSPICIOUS PRESENCE

- Msgr. Thomas Kakkassery (Manager, JECC)
Fr. Roy Joseph Vadakkan (Secretary and Campus Head, JECC)
Rev. Dr. Jose Kannampuzha (Director of Academics, JECC)
Rev. Dr. Jaison Paul Mulerikkal CMI (Principal, JECC)
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Anitha

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Report on Tech Talk Series IV

Organized by

The Department of Civil Engineering,

Jyothi Engineering College, Cheruthuruthy



Topic: Domestic Pollution & Remedial Measures

Date & Time: 16/02/2020, 3 pm to 5.30 pm

Venue : Press Club Hall, Thrissur

The 4th Tech Talk Series was organized by the department of civil engineering on 16/02/2020 at Press Club Hall Thrissur on the topic "Domestic Pollution & Remedial Measures". The panel members were Dr. Ajayakumar Varma, Former Executive Director, Suchitwa Mission- Local

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Self Government Department Kerala, Dr. Girija D, Registrar- Kerala Agricultural University and Prof. S. Rathish, Professor and HOD, Department of CE, JECC.

The official function started at 3 pm with a prayer. Er. Thomas Mathew, Administrator, JECC delivered the welcome address. On this occasion, he congratulated Rev. Fr. Roy Joseph Vadakkan, Campus Head, JECC, on being awarded the Karmashreshta Award by The Deepika Daily. Rev. Fr. Dr. Jose Kannampuzha, Director (Academics), JECC was the president of the function. In the presidential address, he raised the concern on the increase in the pollution globally and stressed on the need for awareness on its remedial measures. Fr. Roy Joseph Vadakkan, inaugurated the tech talk series and delivered the inaugural speech. He pointed that each person should leave their selfish attitude and do the needful to protect the environment. He also stressed on making the God's own country a clean state. The session was led by Dr. Ajayakumar Varma, where he brought the attention on general solid waste produced and its management. The session was followed by Dr. Girija D, and which mainly dealt with the household waste production and the available disposal methods. The concluding session was by Prof. S. Rathish, on the water pollution and its treatment processes.

There was an active discussion on the queries raised by the audience on the session taken by the speakers. There were around 70 participants from different sectors to attend the panel discussion. Fr. Roy Joseph Vadakkan, Fr. Dr. Jose Kannampuzha and Er. Thomas Mathew handed over the mementos to the speakers. Ms. Carol Varghese, Assistant Professor, Department of CE delivered vote of thanks and this was followed by national anthem. The session was concluded with a photo session with panel members at around 5.30 pm.

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JEC Talk

Having the right channel to communicate and share ideas is crucial. JEC Talk series initiated by the institution through YouTube throws open an opportunity to the academicians to educate the common people on technology selection and their usage, during their daily life. The practice has enabled the faculty to equip themselves to dispense their vast experience and knowledge in a public stream and it emerged as the best way to discover their inner extrovert nature. To invite more attention and acceptance from the society, the mode of delivery is adopted as Malayalam - the native language. The domain of topics covered in the individual sessions are planned in such a way that it interests both young and old, students and public, and spans across the various sectors of their life like education, finance, safety on road, building construction, science and technology, cooking, home appliances, environment and health.

Sl No	Speaker	Department	Topic	URL
1	Suganthy S	BSH	GST നിങ്ങൾ ഇനിയും കേൾക്കാത്തത്	GST നിങ്ങൾ ഇനിയും കേൾക്കാത്തത് JEC TALKS MEDIA CATHOLICA JYOTHI ENGINEERING COLLEGE - YouTube
2	Sobha Xavier P	CSE	നിങ്ങളുടെ കൂട്ടികൾ യൂട്യൂബിൽ സുരക്ഷിതരോ?	നിങ്ങളുടെ കൂട്ടികൾ യൂട്യൂബിൽ സുരക്ഷിതരോ? JEC TALKS MEDIA CATHOLICA JYOTHI ENGINEERING COLLEGE - YouTube
3	Jasmine Jose	BSH	പാചകത്തിന്റെ രസതന്ത്രം	പാചകത്തിന്റെ രസതന്ത്രം JEC TALKS MEDIA CATHOLICA JYOTHI ENGINEERING COLLEGE - YouTube
4	Anto Zacharias	ME	ഇനി മുതൽ BS 6 എഞ്ചിനുകൾ മാത്രം	ഇനി മുതൽ BS 6 എഞ്ചിനുകൾ മാത്രം JEC TALKS MEDIA CATHOLICA JYOTHI ENGINEERING COLLEGE - YouTube
5	Agnes	CE	വീട് പണിയുന്നുണ്ടോ? ഇത് നിങ്ങൾ കേൾക്കണം	വീട് പണിയുന്നുണ്ടോ? ഇത് നിങ്ങൾ കേൾക്കണം JEC TALKS MEDIA CATHOLICA JYOTHI ENGINEERING COLLEGE - YouTube
6	Vincy	CE	നിങ്ങൾക്കറിയാത്ത ചില ട്രാഫിക് സിഗ്നലുകൾ	നിങ്ങൾക്കറിയാത്ത ചില ട്രാഫിക് സിഗ്നലുകൾ JEC TALKS MEDIA CATHOLICA JYOTHI ENGINEERING COLLEGE - YouTube

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7	Minu Jose	BSH	കണക്കിന്റെ എളുപ്പവഴികൾ	കണക്കിന്റെ എളുപ്പവഴികൾ JEC TALKS MEDIA CATHOLICA JYOTHI ENGINEERING COLLEGE - YouTube
8	Nyni K A	MR	അൾട്രാ സൗണ്ട് സ്കാനിങ്ങ്	അൾട്രാ സൗണ്ട് സ്കാനിങ്ങ് JEC TALKS MEDIA CATHOLICA JYOTHI ENGINEERING COLLEGE - YouTube
9	Priya Jose	BSH	സ്വപ്ന വേഗതയിൽ ഒരു ട്രെയിൻ	സ്വപ്ന വേഗതയിൽ ഒരു ട്രെയിൻ Maglev Train JEC TALKS MEDIA CATHOLICA JYOTHI ENGINEERING COLLEGE - YouTube
10	Jenson Jose	EEE	വൈദ്യുതി അളക്കാൻ അറിയാമോ?	വൈദ്യുതി അളക്കാൻ അറിയാമോ? JEC TALKS MEDIA CATHOLICA JYOTHI ENGINEERING COLLEGE - YouTube
11	Annie Joseph	ECE	മൊബൈൽ റേഡിയേഷൻ - ശ്രദ്ധിക്കേണ്ട കാര്യങ്ങൾ	മൊബൈൽ റേഡിയേഷൻ - ശ്രദ്ധിക്കേണ്ട കാര്യങ്ങൾ JEC TALKS MEDIA CATHOLICA JYOTHI ENGINEERING COLLEGE - YouTube
12	Dr. Nisha P V	EEE	How to select a Home Inverter ഇൻവെർട്ടറിനെക്കുറിച്ച് നിങ്ങൾ അറിയേണ്ടതെന്തെല്ലാം	How to select a Home Inverter ഇൻവെർട്ടറിനെക്കുറിച്ച് നിങ്ങൾ അറിയേണ്ടതെന്തെല്ലാം JEC TALKS - YouTube
13	Dr. David K J	ME	Two Wheeler Starting problem	Two Wheeler Starting problem Spark Plug Checking JEC TALK - YouTube
14	Dr. Usha Menon	BSH	Tips - How to Improve Your English Pronunciation	Tips - How to Improve Your English Pronunciation Dr Usha Menon JEC TALK - YouTube
15	Ambily Francis	ECE	HDD v. SSD അറിഞ്ഞിരിക്കേണ്ടതെല്ലാം	HDD v. SSD അറിഞ്ഞിരിക്കേണ്ടതെല്ലാം JEC TALKS 15 MEDIA CATHOLICA JYOTHI ENGINEERING COLLEGE - YouTube
16	Carol	CE	നിങ്ങൾക്കറിയാമോ Carbon Foot Print	നിങ്ങൾക്കറിയാമോ Carbon Foot Print JEC TALKS 16 MEDIA CATHOLICA JYOTHI ENGINEERING COLLEGE - YouTube
17	Lufiya George C	CSE	നിങ്ങൾക്കറിയാമോ Online Coding	നിങ്ങൾക്കറിയാമോ Online Coding JEC TALKS 17 MEDIA CATHOLICA

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				JYOTHI ENGINEERING COLLEGE - YouTube
18	Suganthy	BSH	മോറട്ടോറിയത്തെ കുറിച്ച് നിങ്ങൾക്ക് അറിയാത്ത ചില രഹസ്യങ്ങൾ	മോറട്ടോറിയത്തെ കുറിച്ച് നിങ്ങൾക്ക് അറിയാത്ത ചില രഹസ്യങ്ങൾ JEC TALKS 18 MEDIA CATHOLICA - YouTube
19	Aswathy Wilson	CSE	കമ്പ്യൂട്ടർ ഉപയോഗിക്കുന്ന ആളാണെങ്കിൽ തീർച്ചയായും അറിഞ്ഞിരിക്കണം	കമ്പ്യൂട്ടർ ഉപയോഗിക്കുന്ന ആളാണെങ്കിൽ തീർച്ചയായും അറിഞ്ഞിരിക്കണം JEC TALKS 19 MEDIA CATHOLICA - YouTube
20	George Rapheal	ME	NUTS BOLTS AND SCREWS	NUTS BOLTS AND SCREWS - Part 1 JEC TALKS 20 MEDIA CATHOLICA - YouTube
21	George Rapheal	ME	NUTS BOLTS AND SCREWS	https://www.youtube.com/watch?v=fHx6ZmNUgxE&list=PLmzX3BAaL2RuTM8PoBR9Wa8bBYQyxyQO&index=2
22	Neeraja P G	CE	Engineered Wood തെരഞ്ഞെടുക്കേണ്ടത് എങ്ങനെ?	Engineered Wood തെരഞ്ഞെടുക്കേണ്ടത് എങ്ങനെ? JEC TALKS 22 MEDIA CATHOLICA - YouTube

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CIRCULAR

Allotment of mentors for the academic year 2019-20

All HoDs are directed to allot mentors from the respective department for the academic year 2019-20 by 26/07/19.


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MENTORS LIST 2019-20

The following faculty members are assigned as the mentors in EEE department.

Sl.NO	Name of Faculty	Semester	Admission Batch	Reg No of students
1	Ms.Nivya Vincent	S1/S2	2019-23	JEC19EE001- JEC19EE009
2	Mr.Jenson Jose	S1/S2	2019-23	JEC19EE010- JEC19EE017
3	Mr.Jithin K Jose	S3/S4	2018-22	JEC18EE001- JEC18EE014
4	Dr.Nisha P.V	S3/S4	2018-22	JEC18EE015- JEC18EE027
5	Ms.Della David	S5/S6	2017-21	JEC17EE001- JEC17EE019
6	Mr.Akhil A Balakrishnan	S5/S6	2017-21	JEC17EE020- JEC17EE044
7	Dr.Shijoh V	S7/S8	2016-20	JEC16EE001- JEC16EE030
8	Ms.Asathy Rajan	S7/S8	2016-20	JEC16EE031- LJEC16EE067
9	Ms.Anu Sunny	S3/S4 M-Tech	2018-20	JEC18EEPE01- JEC18EEPE05

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Web Site : www.jecc.ac.in, E.mail Id : info@jecc.ac.in



MENTORING & ACADEMIC PERFORMANCE RECORD

20..... to 20.....

Name of the Student

Branch

Chandru
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Name of the Student :

Branch :

Register No :

Admission No :

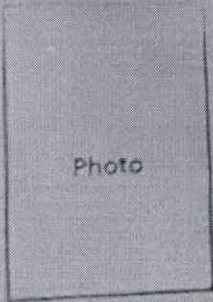
Year of Admission :

Pioneer
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Student Details :

Name of the Student:.....
Branch:.....
Admission No:.....
Blood Group:.....
Email:.....

Register No:.....
Year of Admission:.....
Mobile No:.....
Adhaar No:.....



Parent's/Guardian's Details

Father's Name:.....
Phone No:.....
Occupation:.....
Permanent Address:

Mother's Name:.....
Phone No:.....
Occupation:.....
Contact Address:

[Empty box for Permanent Address]

[Empty box for Contact Address]

Total Annual Income of Parents:.....

Local Guardian's Details :

Local Guardian:.....
Phone No:.....
Address:

Siblings and their details:.....

[Empty box for Address]

Name of Mentor for First year :.....
Department :.....

History of the Student :

Institution were studied :.....
+2 / Diploma :.....

Percentage of Marks Obtained in PCM/
Diploma/KEAM/LET Rank [Empty box]

Strength of student :
[Empty box]

Weakness of the student:

[Signature]
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SEMESTER I

Semester started on Name of the Mentor:

Student Staying at : Hostel/Home/Lodge Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS								Sign of Mentor
1									
2									
3									
4									
Total									

Percentage of attendance :

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1				
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1				
2				
3				

h. s. n. n.
Dr. SUNNY
M.Tech
Ph.D (C)

Jyoti
Cherul

ATHANKAL
II, B.Ed
D (Maths)

Illege
0531

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature of Mentor/HOD/Counsellor
1				
2				
3				

E. Student Achievements (Industrial Participations, innovative projects etc.) Visits, Training, Presentations, Publications,

--	--

F. Extracurricular and Co curricular activities of the student:

--	--

G. Regularity in the class/Disciplinary actions taken/Any other remarks

--	--

Last working day in this Semester: University Exam Starting Date:

Name and Signature of Mentor.....

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SEMESTER II

Semester started on Name of the Mentor

Student Staying at : Hostel/Home/Lodge Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS							Sign of Mentor
1								
2								
3								
4								
Total								

Percentage of attendance :

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1				
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1				
2				
3				

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D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature of Mentor/HOD/Counsellor
1				
2				
3				

E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

F. Extracurricular and Co curricular activities of the student:

G. Regularity in the class/Disciplinary actions taken/Any other remarks

Last working day in this Semester:

University Exam Starting Date:

Name and Signature of Mentor

Sunny Joseph

HOD

Dr. SUNNY JOSEPH KALAYCHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Computer Science, Phys. Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O - 670 224

SEMESTER III

Semester started on Name of the Mentor

Student Staying at : Hostel/Home/Lodge Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS								Sign of Mentor
1									
2									
3									
4									
Total									

Percentage of attendance :

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1				
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1				
2				
3				

Sunny
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature of Mentor/HOD/Counsellor
1				
2				
3				

E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

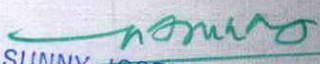
F. Extracurricular and Co curricular activities of the student:

G. Regularity in the class/Disciplinary actions taken/Any other remarks

Last working day in this Semester:

University Exam Starting Date:.....

Name and Signature of Mentor.....



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M.Tech, MCA, M.Sc, M.Phil, Ph.D
Ph.D (Computer Science), Ph.D (Maths)
HOD
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

SEMESTER IV

Semester started on

Name of the Mentor

Student Staying at : Hostel/Home/Lodge Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS								Sign of Mentor
1									
2									
3									
4									
Total									


Percentage of attendance :

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1				
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1				
2				
3				


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

D. Counselling by Mentor/HOD/Counsellor

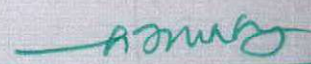
No	Date	Advice/Response	Signature of Student	Signature of Mentor/HOD/Counsellor
1				
2				
3				

E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

F. Extracurricular and Co curricular activities of the student:

G. Regularity in the class/Disciplinary actions taken/Any other remarks

Last working day in this Semester: University Exam Starting Date:.....
 Name and Signature of Mentor.....


Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B. Ed
 Ph.D (Computer Science), Ph.D (Maths)
 HOD
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O - 679 531

SEMESTER V

Semester started on : Name of the Mentor :

Student Staying at : Hostel/Home/Lodge Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS								Sign of Mentor
1									
2									
3									
4									
Total									

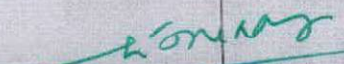
Percentage of attendance * :

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1				
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1				
2				
3				


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature of Mentor/HOD/Counsellor
1				
2				
3				

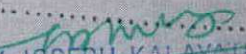
E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc)

F. Extracurricular and Co curricular activities of the student:

G. Regularity in the class/Disciplinary actions taken/Any other remarks

Last working day in this Semester: University Exam Starting Date:

Name and Signature of Mentor:


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

HOD

SEMESTER VI

Semester started on Name of the Mentor

Student Staying at : Hostel/Home/Lodge Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS								Sign of Mentor
1									
2									
3									
4									
Total									

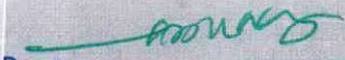
Percentage of attendance :

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1				
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1				
2				
3				


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Management)
PRINCIPAL
Sri Latha Engineering College

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature of Mentor/HOD/Counsellor
1				
2				
3				

E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

F. Extracurricular and Co curricular activities of the student:

G. Regularity in the class/Disciplinary actions taken/Any other remarks

Last working day in this Semester: University Exam Starting Date:

Name and Signature of Mentor:

Sunny Joseph

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D(Maths)
PRINCIPAL HOD
Jyothi Engineering College
Cheruthuruthy P.O.-679 531

SEMESTER VII

Semester started on Name of the Mentor:

Student Staying at : Hostel/Home/Lodge Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS								Sign of Mentor
1									
2									
3									
4									
Total									

Percentage of attendance :

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1				
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1				
2				
3				

Sunny Joseph
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc. M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature of Mentor/HOD/Counsellor
1				
2				
3				

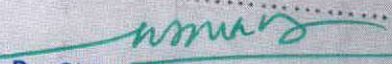
E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

F. Extracurricular and Co curricular activities of the student:

G. Regularity in the class/Disciplinary actions taken/Any other remarks

Last working day in this Semester: University Exam Starting Date:

Name and Signature of Mentor:


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL HOD
Jyothi Engineering College
Cheruthuruthy P.O - 679 531

SEMESTER VIII

Semester started on Name of the Mentor:

Student Staying at : Hostel/Home/Lodge Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS								Sign of Mentor
1									
2									
3									
4									
Total									

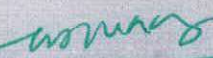
Percentage of attendance :

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1				
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1				
2				
3				


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature of Mentor/HOD/Counsellor
1				
2				
3				

E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

F. Extracurricular and Co curricular activities of the student:

G. Regularity in the class/Disciplinary actions taken/Any other remarks

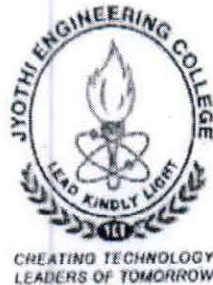
Last working day in this Semester: University Exam Starting Date:

Name and Signature of Mentor.....


HOD
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

Jyothi Engineering College

Jyothi Hills, Vettikkattiri P.O., Cheruthuruthy, Thrissur 679 531
Web Site : www.jecc.ac.in, E.mail Id : info@jecc.ac.in



MENTORING RECORD

20.15..... to 20.19.....

Name of the Student : JAIN VARGHESE

Branch : EEE

Register No : JEC15EE020

Admission No : 11505020

Year of Admission : 2015

(Signature)
Principal
M. Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
Jyothi Engineering College
Cheruthuruthy P.O.-679 531

Student Details :

Name of the Student: JAIN VARGHESE
Branch: E.E.E
Admission No: 11505020
Blood Group: A+ve
Email: Varghesejain738@gmail.com

Register No:
Year of Admission: 2015
Mobile No 8086766963
Adhaar No:



SE
Ser
Stu
A.

Parent's/Guardian's Details

Father's Name: VARGHESE K.C
Name:
Phone No: 8086766963
No:
Occupation: BUSINESS
Occupation: HOUSE WIFE

Mother's PUSHPA VARGHESE
Phone 9539407228

Permanent Address:

KOLLANNUR HOUSE, JJ SQUARE
BUILDING, AYYANTHOLE
THRISSUR - 680003

Contact Address:

KOLLANNUR HOUSE, JJ SQUARE
BUILDING, AYYANTHOLE
THRISSUR 680003

Total Annual Income of Parents:

Local Guardian's Details :

Local Guardian: VARGHESE K.C
details: NAME JEENA VARGHESE
Phone No: 9539407228
Address:

Siblings and their one sister
STUDYING AT VIVEKODAYAM HSS

KOLLANNUR HOUSE, JJ SQUARE
BUILDING, AYYANTHOLE
THRISSUR 680003

Name of Mentor for First year
Department

Somya C
E.E.E

History of the Student :

Institution were studied
+2 / Diploma

ST. THOMAS COLLEGE HSS

Percentage of Marks Obtained in PCM/
Diploma/KEAM/LET Rank

86.3%

Strength of student : HARD WORKING

Weakness of the student:

None

PUNCTUAL
LOVING
RESPONSIBLE

DR. SUNNY JOSEPH KALAYATHAN
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

SEMESTER I

Semester started on 27/07/15...

Name of the Mentor: Soumya.C

Student Staying at : Hostel/Home/Lodge

Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS									Sign of Mentor
	MA 101	PH 100	BE 100	BE 101-03	BE 103	ME 100	PH 110 (100)	EE 110 (100)	ME 110 (100)	
1	20	17	18	19	17	14				<i>Soumya</i>
2	20	19	19	16	20	13				<i>Soumya</i>
3	17	14	16	16	20	15				<i>Soumya</i>
4										
Total	50	46	47	44	50	39	89	82	72	<i>Soumya</i>

Percentage of attendance : 47.54

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1	3/10	Varghese	<i>[Signature]</i>	
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1	07/08	Personal	<i>[Signature]</i>	<i>Soumya 07/08</i>
2	14/09	Academic - 1st internal examination	<i>[Signature]</i>	<i>Soumya 14/09</i>
3	20/11	Internal marks of all subjects	<i>[Signature]</i>	<i>Soumya 20/11</i>

Soumya

DR. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.-679 531

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature of Mentor/HOD/Counsellor
1				
2				
3				

E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

Successfully completed a MOOC course titled on "STEEL 101: Introduction to steel" offered by Tenasis University

F. Extracurricular and Co curricular activities of the student:

MEMBER IN NSS
MEMBER IN IETE

G. Regularity in the class/Disciplinary actions taken/Any other remarks

Regular in the class

Last working day in this Semester: 27/11/15
Date: 04/1/16

Name

and

Mentor: Saanya C Saanya

University

Exam

Starting

Signature

Dr. SUNNY JOSEPH KALAYANANKAL
M.Tech, MCA, M.Sc, M.Ed
Ph.D (Computer Science, Ph.D (maths)
PRINCIPAL HOD
Jyothi Engineering College
Cheruthuruthy

SEMESTER II

Semester started on : 20/01/16..

Name of the Mentor... Baunya S.

Student Staying at : Hostel/ Home/ Lodge

Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS						Sign of Mentor
	MA 102	CY 100	BE 110	BE 102	CE 100	EC 100	
1	19	17	25	21	16	16	<u>Baunya S.</u>
2	12	17	40	22	16	16	
3							
4							
Total							

Percentage of attendance : 98.95

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1	04/3/16	Varghese K	<u>[Signature]</u>	
2	20/4/16	Varghese K	<u>[Signature]</u>	
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1	11/2/16	About 2 nd semester subjects	<u>[Signature]</u>	<u>Baunya S</u> 11/2/16
2	22/3/16	Regarding first sessional marks	<u>[Signature]</u>	<u>Baunya S</u> 22/3/16
3				

Baunya S
Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 501

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature Mentor/HOD/Counsellor
1				
2				
3				

E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

Successfully completed internship in KSERB and Viteva cables for 35 days
 Successfully passed the BEC EXAMINATION PRELIMINARY

F. Extracurricular and Co curricular activities of the student:

MEMBER IN IETE

G. Regularity in the class/Disciplinary actions taken/Any other remarks

Regular in the class

Last working day in this Semester: 27/01/16
 Date:

University Exam Starting

Name and
 Mentor: Soumya C. [Signature]

Signature of
SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, Ph.D.
 Ph.D. (Computer Science), Ph.D (Maths)
 PRINCIPAL HOD
 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531

SEMESTER III

Semester started on : 1-08-16

Name of the Mentor : Kapil Das

Student Staying at : Hostel/Home/Lodge

Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS						Sign of Mentor
	MA201	CE201	EE203	EE205	EE207	HS 210	
1	15	12	13	19	15		
2	11	15	15	18	9		
3							
4							
Total	36	37	38	47	33	90	

Percentage of attendance : 97.71

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1	17/10	Varghese		
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1	14-9-16	Personal		
2	16/10/16	Academics		
3				

Dr. SUNNY JOSEPH KALAYATHANK
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering
Chennai

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature Mentor/HOD/Counsellor
1	19-9-16	Will improve the performance in second sessional	<i>[Signature]</i>	<i>[Signature]</i>
2	11-10-16	Agreed to improve the results in university exam.	<i>[Signature]</i>	<i>[Signature]</i>
3				

E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

[Empty space for student achievements]

F. Extracurricular and Co curricular activities of the student:

[Empty space for extracurricular activities]

G. Regularity in the class/Disciplinary actions taken/Any other remarks

[Empty space for regularity and remarks]

Last working day in this Semester: 24-11-16 University

Name _____ and _____
 Mentor: KARLDAS K.S. *[Signature]* Signature _____

Exam Nov 16 Starting

DR. JOSEPH KALAYATHAN KAL
 B.Tech, MCA, M.Sc, M.Phil, B.Ed
 Computer Science, Ph.D (Maths)
 PRINCIPAL
 Sri Engineering College
 Puthuruthy P.O.-679531

HOD

SEMESTER IV

Semester started on

1/2/17

Name of the Mentor

Mr. Kapil Das

Student Staying at

Hostel/Home/Lodge

Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS						Sign of Mentor
	MA202	EE202	EE204	EE206	EE208	HS200	
1	16	16	19	11	10	10	
2	15	15	14	13	12	13	
3							
4							
Total	41	41	43	34	32	33	

Percentage of attendance

: 78.8

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1	24/3	Varghese		
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1	20/3/17	Activity points		
2	24/4/17	Academics		
3				

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.-679 533

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature Mentor/HOD/Counsellor
1				
2				
3				

E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

internship from KSEB Kollapully transformer section

F. Extracurricular and Co curricular activities of the student:

MEMBER IN IETE

G. Regularity in the class/Disciplinary actions taken/Any other remarks

Last working day in this Semester: 6-5-17
Date: 24-5-17

University

Exam


Starting

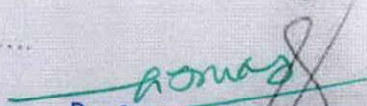
Name

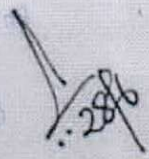
and

Signature

of

Mentor: KAPILDAS K.S. 


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MVA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531



SEMESTER V

Semester started on : 1/8/2017

Name of the Mentor: Nisha P.V

Student Staying at : Hostel/ Home/ Lodge Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS						Sign of Mentor
	EE	ET	ET	ET	ET	ET	
1	301	303	305	307	309	311	}
2	19	20	12	19	15	15	
3	19	18	18	13	15	14	
4							
Total	48	48	40	42	41	38	

Percentage of attendance : 97.71

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1	11/8	Varghese.K	<i>[Signature]</i>	
2	6/10	"	<i>[Signature]</i>	
3	6/11	"	<i>[Signature]</i>	
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1	2/9/17	Personal x Academics.	<i>[Signature]</i>	
2	22/11/17	Personal x Academics	<i>[Signature]</i>	
3				

JAKW
B
(est)

[Signature]
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthur

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature Mentor/HOD/Counsellor
1		Study well and prepare well for exam	<i>[Signature]</i>	
2				
3				

E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

Industrial visit (KSEB), (Tolins)

F. Extracurricular and Co curricular activities of the student:

MEMBER IN LITERARY CLUB
MEMBER IN IETE
LITERARY CLUB
MEMBER IN IEEE

G. Regularity in the class/Disciplinary actions taken/Any other remarks

Last working day in this Semester: Date: Dec-17-2017

Name _____ and _____ University _____

Mentor _____ Signature _____

Exam _____ Starting _____

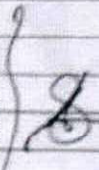
[Signature]
Dr. SUNNY JOSEPH of
M.Tech, MCA, M.S.
Ph.D (Computer Science)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.-6

SEMESTER VI

Semester started on Jan-1 Name of the Mentor: Keerthi Das

Student Staying at : Hostel/ Home/ Lodge Travelling by : College Bus / Private

A. Internal Marks





Exam	SUBJECTS						Sign of Mentor
	302	304	306	308	372	115 300	
1	36	26	34	43	17	14	
2	29	32	26	26	17	42	
3							
4							
Total	35	33	34	38	43	43	

Percentage of attendance : 94.52

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1				
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1	14/2/18	Personal * Academic		
2	20/3/18	Personal * Academic		
3				

Keerthi Das
DR. SUNNY JOSEPH KALAYATHANKAL
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 Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature Mentor/HOD/Counsellor
1				
2				
3				

E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

Maintenance audit
 Internship at Thrissur Corporation Electricity department
 Swatch barath internship

F. Extracurricular and Co curricular activities of the student:

Participated in collage competition
 Participated in drawing
 Volunteering for Energy management seminar for TCED

G. Regularity in the class/Disciplinary actions taken/Any other remarks

Last working day in this Semester:
 Date: 23-5-18

Name University

Mentor: KA. PILLAI K.J. and K.J. Signature

Exam Starting

nomans of
 Dr. SUNNY JOSEPH KALATHANKAL
 M.Tech, MCA, M.Sc., B.Ed
 Ph.D (Computer Science), P.G.D (Maths)
 PRINCIPAL HOD
 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531

SEMESTER VII


Semester started on : 02-08-18

Name of the Mentor : Kapil Das

Student Staying at : Hostel/Home/Lodge

Travelling by : College Bus / Private

A. Internal Marks





Exam	SUBJECTS								Sign of Mentor
	401	403	405	407	409	469	451	431	
1									
2									
3									
4									
Total	43	36	31	30.5	23	38			

Percentage of attendance : 96.2

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1				
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1	18/9/18	Personal & Academic		
2	23/11/18	Personal & Academic		
3				

a. on 23/11/18
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature of Mentor/HOD/Counsellor
1				
2				
3				

E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

Participation in Energy audit competition
 Hindi to solar book published

F. Extracurricular and Co curricular activities of the student:

G. Regularity in the class/Disciplinary actions taken/Any other remarks

Last working day in this Semester:

Date: Dec-18-2017

University

Exam

Starting

Name

and

Signature

of

Mentor

KAPILDAS

2.3

KDD

Sunny Joseph
 Dr. SUNNY JOSEPH K. AYATHANKAL
 M.Tech, MCA, M.Phil, B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 HOD
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531

SEMESTER VIII

Semester started on :

Name of the Mentor: Kapil Das

Student Staying at : Hostel/Home/Lodge

Travelling by : College Bus / Private

A. Internal Marks

Exam	SUBJECTS								Sign of Mentor
	402	404	474	432	40492				
1									
2									
3									
4									
Total	44	42	36	28					

Percentage of attendance : 94.3

B. Parent's/Guardian's Visit

No	Date	Name	Signature	Suggestions
1				
2				
3				
4				
5				

C. Discussion with Student (Academic and Personal)

No	Date	Matter discussed/Response	Signature of Student	Signature of Mentor
1	12/1/11	Personal & Academic		
2				
3				

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Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthi

D. Counselling by Mentor/HOD/Counsellor

No	Date	Advice/Response	Signature of Student	Signature of Mentor/HOD/Counsellor
1				
2				
3				

E. Student Achievements (Industrial Visits, Training, Presentations, Publications, Participations, innovative projects etc.)

F. Extracurricular and Co curricular activities of the student:

G. Regularity in the class/Disciplinary actions taken/Any other remarks

Last working day in this Semester: University Exam Starting
Date:.....

Name and Signature of

Mentor..... KALIDAS K-J [Signature].....

[Signature]
HOD
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.-679 531

Examination Results

1st Semester

Course No.	Course Title	Gr. 1 st Chance	Gr. 2 nd Chance	Gr. 3 rd Chance	Remarks
MA 101	Calculus	B+			Passed in first chance.
PH 100	Engg Physics	A			
BE 100	Engg Mechanics	B+			
BE10103	Intro. to Electrical	B+			
BE 103	Intro. to Sustainable	A+			
ME 100	Basis of Mechanical	B			
PH 110	Engg Physics Lab	A+			
EE 110	Electrical Workshop	A			
ME 110	Mechanical workshop	B+			
SGPA		8.15			

2nd Semester

Course No.	Course Title	Gr. 1 st Chance	Gr. 2 nd Chance	Gr. 3 rd Chance	Remarks
CY 100	ENGINEERING CHEMISTRY	B+			Passed
BE 110	ENGINEERING GRAPHICS	B+			
CE 100	BASICS OF CIVIL ENGINEERING	A			
EE 100	BASICS OF ELECTRONICS	A			
CY 110	ENGINEERING CHEMISTRY LAB	O			
CE 110	CIVIL ENGINEERING WORKSHOP	A			
EE 110	ELECTRONIC ENGINEERING WORKSHOP	A+			
MA102	DIFFERENTIAL EQUATION	B+			
BE102	DESIGN ENGINEERING	A			
SGPA		8.35			

3rd Semester

Course No.	Course Title	Gr. 1 st Chance	Gr. 2 nd Chance	Gr. 3 rd Chance	Remarks	
MA201	LINEAR ALGEBRA	C			Passed	
HS210	LIFE SKILL	A+				
EE201	CIRCUIT AND NETWORK	C				
EE203	ANALOG AND ELECTRONICS	F	B			
EE205	DC MACHINES	B+				
EE207	COMPUTER PROGRAMMING	F	B+			
EE231	ELECTRONIC CIRCUIT LAB	A+				
EE233	PROGRAMMING LAB	O				
SGPA		O	7.42			

4th Semester

Course No.	Course Title	Gr. 1 st Chance	Gr. 2 nd Chance	Gr. 3 rd Chance	Remarks	
HS 200	BUSINESS ECONOMICS	B+			Passed.	
MA 202	PDTN	C				
EE 202	Synch. Induction mac	B+				
EE 204	Digital ele. & logic	B+				
EE206	Material science	B+				
EE 208	Measurements & Instrumts	B+				
EE 232	Electrical machine lab	A+				
EE234	Circuit & measured lab	O				
SGPA		7.78				

Dr. SUNNY JOSEPH KALAYATHANKAL
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5th Semester

Course No.	Course Title	Gr. 1 st Chance	Gr. 2 nd Chance	Gr. 3 rd Chance	Remarks
EE 301	FOIC	B			Failed Lab
EE 302	LCS	A			
EE 305	FE	C			
EE 307	Signals and systems	B			
EE 309	Microprocessor and control systems	B			
EE 317	Multi Resource systems	B			
EE 341	Design project	O			
EE 351	Digital circuits and lab	A			
EE 353	Electrical Machine Lab II	O			
SGPA		7.52			

6th Semester

Course No.	Course Title	Gr. 1 st Chance	Gr. 2 nd Chance	Gr. 3 rd Chance	Remarks
EE 202	Electromagnetics	B			Failed Lab
EE 204	ACT	C			
EE 205	Power systems analysis	C			
EE 208	Electric drives	B			
HS 500	Principles of Management	C			
EE 272	Bio medical instrumentation	B			
EE 282	Systems and control lab	O			
EE 334	Power Electronics & Drive	A+			
EE 352	Comprehensive Exam	C			
SGPA		6.7			

7th Semester

Course No.	Course Title	Gr. 1 st Chance	Gr. 2 nd Chance	Gr. 3 rd Chance	Remarks
EE 401	Electronic communication	B			Failed Lab
EE 403	Distributed Generation And	A			
EE 405	Electrical System Design	B			
EE 407	DSP	B			
EE 409	Electrical Machine design	B			
EE 467	Electrical and hybrid vehicle	B+			
EE 451	SEMESTER 7 Project	B+			
EE 431	Power systems Lab	A+			
SGPA		7.52			

8th Semester

Course No.	Course Title	Gr. 1 st Chance	Gr. 2 nd Chance	Gr. 3 rd Chance	Remarks
EE 402	SPECIAL ELECTRIC MACHINES	B			Failed Lab
EE 405	Industrial instrumentation	B+			
EE 474	Energy Management And Audit	B+			
EE 432	Environmental impact assessment	B			
EE 476	Project	O			
SGPA		8.33			

Dr. SUNNY JOSEPH K. P. ATHANKAL
 M.Tech, MCA, M.Sc., M.Phil, B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 PRINCIPAL

Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531



Jyothi Engineering College

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University
 Jyothi Engineering College, Cheruvu, Kalam, Kerala
 Phone: 04864 274423 FAX: 04864 274777
 Email: jyothi@jyothi.ac.in

Name Of Add On /Certificate Programs Offered	Year of offering	No. of times offered during the same Year	Duration Of Course	Number of Students enrolled in the Year	Number Of Students Completing The Course In The Year
Introduction to VHDL	2019	1	41 HOURS	30	30
EMBEDDED SYSTEMS DESIGN WITH 8051	2019	1	31 HOURS	55	55
CC TV INSTALLATION	2019	2	31 HOURS	42	42
WORKSHOP ON 3-D DESIGN & 3-D PRINTING (FABLAB)	2019	1	30 HOURS	30	30
COMPUTER AIDED DESIGN	2019	2	32 HOURS	57	57
Introduction to VHDL	2020	1	35 Hours	30	30
Domestic Water Pollution and Remedial Measures	2020	1	30 HOURS	30	30
Basics of Programming	2020	1	30 HOURS	15	15
Programming Python (InfyTQ)	2020	1	30 HOURS	143	143
Full Stack developer - Phase 1	2020	1	30 HOURS	78	78
Electronic Circuit Simulation and PCB Printing	2020	1	32 HOURS	57	57
Fundamentals of MATLAB	2020	1	30 HOURS	25	25
Laser and Vinyl Cutter	2020	1	30	32	32
NNPTEL	2020	1		196	196
					820

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JOSEPH KALAYATHANKAL
 MCA, M.Sc, M.Phil, B.Ed
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Maths)
 Ph.D (Computer Science)
 PRINCIPAL
 Jyothi Engineering College
 Cheruvu P.O. 679 531

Name Of Add On /Certificate Programs Offered	Year of offering	No. of times offered during the same Year	Duration Of Course	Number of Students enrolled in the Year	Number Of Students Completing The Course In The Year
BEC	2018	1	1 Year	56	56
Python Programming	2018	1	35 Hours	66	66
Android With MIT App Inventor	2018-19 Odd	1	35 Hours	60	60
Full Stack developer (Basics of Web Programming)	2019	1	35 Hours	77	77
PCB Fabrication	2018	1	34Hours	40	40
Document Preparation Using LaTeX	2019	1	35Hours	45	45
INTRODUCTION TO VHDL	2018-2019(ODD)	1	34 HOUR	25	25

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ELECTRONICS CIRCUIT SIMULATION& PCB PRINTING		2018-19(EVEN)	1	35	27	27
Add on Course on Matlab		2018-19(EVEN)	1	30	57	57
Total station Training		2018	1	35 hour	45	45
NPTEL		2018	1		81	81
Year 2017-18						579
Name Of Add On /Certificate Programs Offered	Year of offering	No. of times offered during the same Year	Duration Of Course	Number of Students enrolled in the Year	Number Of Students Completing The Course In The Year	
BEC	2017	1	1 Year	121	121	
Introduction to arduino	2017	1	33 Hours	62	62	
Object-oriented programming using the java	2018	1	33 Hours	61	61	
Document Preparation Using LaTeX	2017	1	35 Hours	52	52	
Introduction to MATLAB	2018	1	34 Hours	50	50	
Introduction to programming in MatLab	2017	1	37 HOUR	30	30	
Introduction to arduino	2018	1	33 HOURS	20	20	
NPTEL				4	4	
Year 2016-17						400
Name Of Add On /Certificate Programs Offered	Year of offering	No. of times offered during the same Year	Duration Of Course	Number of Students enrolled in the Year	Number Of Students Completing The Course In The Year	
BEC	2016	1	1 Year	313	313	
C Programming	2016	1	35 Hours	63	63	
Sheet Metal Design using SOLIDWORKS	2016	1	40 hours	30	26	
Object-oriented Programming using the java	2017	1	33 Hours	62	62	
Total station Training	2016	1	35 hour	30	30	
NPTEL				7	7	
Year 2015-16						501
Name Of Add On /Certificate Programs Offered	Year of offering	No. of times offered during the same Year	Duration Of Course	Number of Students enrolled in the Year	Number Of Students Completing The Course In The Year	
BEC	2015	1	1 Year	372	372	
Sheet Metal Design using SOLIDWORKS	2016	1	40 hours	30	26	
Python Programming for stack developer	2015	1	35 hours	62	62	
NPTEL	2016	1	35 hours	61	61	
Year 2014-15						521

Smart

JOSEPH KALAYATHANKAL
 MCA, M.Sc., M.Phil, B. Ed
 M.Tech, Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O.- 675 531

Summary Report of Candidate Results

CB BEC Preliminary November B (PM1) 2018

Candidate Number	Last Name	First Name	Result	Preparation centre
140		ALEX DAVY	Pass	Jyothi Engineering College
141		SADASHIV K	Pass	Jyothi Engineering College
142		RESHMI B	Pass	Jyothi Engineering College
143		SONA ROY	Council of Europe Level A2	Jyothi Engineering College
144		AKHIL K J	Pass	Jyothi Engineering College
145		B MITHRA	Pass	Jyothi Engineering College
146		ANLISH SHAJU	Pass	Jyothi Engineering College
147		BIJOY JOSHY	Council of Europe Level A2	Jyothi Engineering College
148		P K SARATH SANKAR	Council of Europe Level A2	Jyothi Engineering College
149		HRIDHESH KUMAR M.A	Pass with Merit	Jyothi Engineering College
150		ADARSH S	Pass with Merit	Jyothi Engineering College
151		SIDHARTH M	Council of Europe Level A2	Jyothi Engineering College
152		GAYATHRI.M.K	Council of Europe Level A2	Jyothi Engineering College
153		SALMA MARIYA MICHAEL	Pass	Jyothi Engineering College
154		SANJAY KRISHNA	Council of Europe Level A2	Jyothi Engineering College
155		JELILE ROSA JOSE	Council of Europe Level A2	Jyothi Engineering College
156		RAKESH R NAIR	Pass	Jyothi Engineering College
157		RIDHINXAVIER	Council of Europe Level A2	Jyothi Engineering College
158		SHERAZ E.S	Pass with Merit	Jyothi Engineering College
159		RAMEEZ NA	Council of Europe Level A2	Jyothi Engineering College
160		ANJUKRISHNA-P	Council of Europe Level A2	Jyothi Engineering College
161		EVELIN JOSE CHIRAMEL	Council of Europe Level A2	Jyothi Engineering College
162		AISWARYA K.S	Council of Europe Level A2	Jyothi Engineering College
163		SHARIK BAHSEER	Council of Europe Level A2	Jyothi Engineering College
164		ANUSHA C.E	Council of Europe Level A2	Jyothi Engineering College
165		SNEHA A B	Council of Europe Level A2	Jyothi Engineering College
166		ARCHANA C R	Not Reported	Jyothi Engineering College
167		SALINI T.M	Council of Europe Level A2	Jyothi Engineering College
168		CHRISTY JOSEPH	Council of Europe Level A2	Jyothi Engineering College
169		SREESHMA SASIDHARAN	Pass	Jyothi Engineering College
170		EMMANUEL SHIBU	Pass	Jyothi Engineering College
171		CHARLES JOHNSON	Pass	Jyothi Engineering College
172		AKHIL KRISHNA UK	Pass with Merit	Jyothi Engineering College
173		ASHRUL.K	Pass	Jyothi Engineering College
174		GOKUL DAS M	Pass	Jyothi Engineering College
175		ABHISHEK SAJEEVAN	Pass	Jyothi Engineering College
176		AMAL SEBASTIAN	Pass with Merit	Jyothi Engineering College
177		ALEN VARGHESE	Pass	Jyothi Engineering College
178		EDWIN WILSON	Pass	Jyothi Engineering College
179		ANN TEREZA SHAJI	Pass	Jyothi Engineering College
180		ANAGHA WILSON	Council of Europe Level A2	Jyothi Engineering College

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Dr. SUNNY JOSEPH KALAYATHIPAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
(Computer Science), Ph.D (Maths)

Note: Absent candidates are indicated by grade X (partially absent) and grade Z (absent).
Results still pending release are indicated by grade V (pending).

Summary Report of Candidate Results

CB BEC Preliminary November B (PM1) 2018

Candidate Number	Last Name	First Name	Result	Preparation centre
181		ABHISHEK KRISHNAN MENON E	Council of Europe Level A2	Jyothi Engineering College
182		DILBER SHA A P	Pass	Jyothi Engineering College
183		EDWIN T JOY	Pass with Merit	Jyothi Engineering College
184		AKHIL AZEEZ UPPILAMKUNNATH	Council of Europe Level A2	Jyothi Engineering College
185		HELNA THOMAS	Council of Europe Level A2	Jyothi Engineering College
186		ANIT MARY THOMAS	Council of Europe Level A2	Jyothi Engineering College
187		ADHITHYA KRISHNA S	Pass	Jyothi Engineering College
188		ALAN GEORGE	Pass	Jyothi Engineering College
189		AJMAL BASHEER	Pass with Merit	Jyothi Engineering College
190		ADARSH KUMAR M A	Pass	Jyothi Engineering College
191		ADITHYA HARIDAS	Pass with Merit	Jyothi Engineering College
192		ARUN V G	Pass	Jyothi Engineering College
193		ARAVIND.S.KUMAR	Pass	Jyothi Engineering College
194		AMAL SONY	Council of Europe Level A2	Jyothi Engineering College
195		ARJUN VINOD	Pass with Merit	Jyothi Engineering College
196		ANTONY ROY	Pass with Distinction	Jyothi Engineering College
197		G RAMGOPAL	Pass	Jyothi Engineering College
198		ANUGRAHA C	Council of Europe Level A2	Jyothi Engineering College
199		ABHITH SHAJI	Pass with Distinction	Jyothi Engineering College
200		HARISANKER P	Pass with Merit	Jyothi Engineering College
201		DAVID SALUS	Council of Europe Level A2	Jyothi Engineering College
202		ATHIL PAULY	Council of Europe Level A2	Jyothi Engineering College
203		APARNA V	Council of Europe Level A2	Jyothi Engineering College
204		DELMA.SHAJAN	Pass	Jyothi Engineering College
205		HARSHA K S	Council of Europe Level A2	Jyothi Engineering College
206		DELICIA REJI	Council of Europe Level A2	Jyothi Engineering College
207		AWIN ANTO	Pass	Jyothi Engineering College
208		ABIN SANTHOSH	Pass	Jyothi Engineering College
209		ATHIRA.K.P	Council of Europe Level A2	Jyothi Engineering College
210		JOVIA JOHNSON CHITILAPPILLY	Z	Jyothi Engineering College
211		CIYA BABU	Council of Europe Level A2	Jyothi Engineering College
212		GAYATHRI.DINESH	Council of Europe Level A2	Jyothi Engineering College
213		HRIDI KRISHNA H	Pass	Jyothi Engineering College
214		R AKSHAY	Council of Europe Level A2	Jyothi Engineering College
215		SAHAL NALAKATH	Pass	Jyothi Engineering College
216		JOSHVAJOY	Pass	Jyothi Engineering College
217		VISHNU V M	Council of Europe Level A2	Jyothi Engineering College
218		PRANOY P	Council of Europe Level A2	Jyothi Engineering College
219		VIVEK V K	Pass	Jyothi Engineering College
220		RIDHUL PAULY	Pass	Jyothi Engineering College

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Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)

Note: Absent candidates are indicated by grade X (partially absent) and grade Z (absent).
Results still pending release are indicated by grade Y (pending).

Principal
Cheruthuruthy



Cambridge Assessment
English

Summary Report of Candidate Results

CB BEC Preliminary November B (PM1) 2018

Candidate Number	Last Name	First Name	Result	Preparation centre
221		SWETHA S	Pass	Jyothi Engineering College
222		MUHAMMED AQEEL	Pass with Merit	Jyothi Engineering College
223		JOVIN JELPHY	Pass	Jyothi Engineering College
224		S.SREERAG MENON	Pass	Jyothi Engineering College
225		VYSAKH	Pass	Jyothi Engineering College
226		SUJITH	Pass	Jyothi Engineering College
227		THOMAS NJ	Council of Europe Level A2	Jyothi Engineering College
228		MATHEW FRANCIS	Pass	Jyothi Engineering College
229		KALLARAKKAL EDWIN JOY	Pass	Jyothi Engineering College
230		SANJAY K S	Pass	Jyothi Engineering College
231		SHIBIN BALACHANDRAN	Pass	Jyothi Engineering College
232		MIDHUN SASI	Pass	Jyothi Engineering College
233		PRAJIL TP	Pass	Jyothi Engineering College
235		SHEJO SCARIA	Council of Europe Level A2	Jyothi Engineering College
236		SHARUN GEORGE	Pass	Jyothi Engineering College
237		SANAV S PULIKKAL	Council of Europe Level A2	Jyothi Engineering College
238		PRINCE VK	Not Reported	Jyothi Engineering College
239		MOHAMMED SHAHIN K P	Council of Europe Level A2	Jyothi Engineering College
240		JUSTIN JOSE	Council of Europe Level A2	Jyothi Engineering College
241		NIRMAL NIXON	Pass	Jyothi Engineering College
242		JUSTIN. AJ	Council of Europe Level A2	Jyothi Engineering College
243		KIRANDAS	Pass	Jyothi Engineering College
244		VISHNU K	Pass	Jyothi Engineering College
245		KEERTHI M	Pass	Jyothi Engineering College
246		RAHUL S S	Pass with Distinction	Jyothi Engineering College
247		KRISHNA VINOD	Council of Europe Level A2	Jyothi Engineering College
248		LIA JOHNSON	Pass	Jyothi Engineering College
249		SOURAV	Pass with Distinction	Jyothi Engineering College
250		AKSHAY P	Pass with Merit	Jyothi Engineering College
251		YADHU .T.P	Pass	Jyothi Engineering College
252		AJAY MJ	Pass	Jyothi Engineering College
253		ALBIN LORANCE	Council of Europe Level A2	Jyothi Engineering College
254		ANFAZ MA	Pass	Jyothi Engineering College
255		ABHINANDH V.B	Pass	Jyothi Engineering College
256		JACKSON PAUL	Pass	Jyothi Engineering College
257		DIJO DENNY	Council of Europe Level A2	Jyothi Engineering College
258		RENJITH K	Council of Europe Level A2	Jyothi Engineering College
259		AJIL GEORGE	Pass with Distinction	Jyothi Engineering College
260		ASWIN KRISHNAKUMAR	Pass	Jyothi Engineering College
261		JOYAL JOY	Council of Europe Level A2	Jyothi Engineering College
262		ARJUN M	Pass	Jyothi Engineering College

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Amrith

Dr. SUNNY JOSEPH KALAYATHANKAL

Note: Absent candidates are indicated by grade X (partially absent) and grade Z (absent). Results still pending release are indicated by grade V (pending).

M.Tech, MGA, M.Sc., M.Phil.
Principal
Jyothi Engineering College



Cambridge Assessment
English

Summary Report of Candidate Results

CB BEC Preliminary November B (PM1) 2018

Candidate Number	Last Name	First Name	Result	Preparation centre
263		AKHIL GILBERT	Council of Europe Level A2	Jyothi Engineering College
264		PARVATHY V P	Not Reported	Jyothi Engineering College
265		JACQUILIN FRANCIS	Pass	Jyothi Engineering College
266		SINDA PHILOMIN M.B	Council of Europe Level A2	Jyothi Engineering College
267		SARASWATHY BOSE	Pass	Jyothi Engineering College
268		NYX SAM M	Pass with Merit	Jyothi Engineering College
269		MARIYAM ELIZABATH JERRY	Council of Europe Level A2	English and Foreign Language Institute (EFLI)
270		HEPHZIBAH BEULAH	Pass	English and Foreign Language Institute (EFLI)
271		SIBIX JOY	Council of Europe Level A2	English and Foreign Language Institute (EFLI)
272		BINS P C	Council of Europe Level A2	English and Foreign Language Institute (EFLI)
273		ABRAHAM JOHN	Z	English and Foreign Language Institute (EFLI)
274		JEEVO JOY	Council of Europe Level A2	English and Foreign Language Institute (EFLI)
275		JENET VINCENT	Not Reported	Jyothi Engineering College
276		AMALA K J	Pass	English and Foreign Language Institute (EFLI)
234		MUHAMMED SWAFVAN	X	Jyothi Engineering College

True Copy Attested


Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O.- 679 531

Note: Absent candidates are indicated by grade X (partially absent) and grade Z (absent).
 Results still pending release are indicated by grade V (pending).



**Cambridge Assessment
English**



**Cambridge English Entry Level Certificate in ESOL
International (Entry 2) (Business)***

This is to certify that

APARNA V

has achieved

Council of Europe Level A2

Overall Score	125
Reading	119
Writing	131
Listening	114
Speaking	135

Sunny Joseph Kalayathan

Dr. SUNNY JOSEPH KALAYATHAN
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL



Coimbatore Engineering College
Cheruvu P.O.- 679 531

Date of Examination **NOVEMBER B (PM1) 2018**
Place of Entry **THRISSUR**
Reference Number **18BIA0140203**
Accreditation Number **500/5473/9**

Saul Nassé
Saul Nassé
Chief Executive

*This level refers to the UK National Qualifications Framework





Cambridge English Entry Level Certificate in ESOL International (Entry 2) (Business)*

This is to certify that

ATHIRA.K.P

has achieved

Council of Europe Level A2

Overall Score	127
Reading	119
Writing	131
Listening	119
Speaking	138

True Copy Attested
[Signature]



DR. SUNNY JOSEPH KALAYATHAN
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Cheruthuruthy Engineering College
Cheruthuruthy P.O. - 679 582

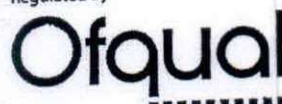
Date of Examination: **NOVEMBER B (PM1) 2018**
 Place of Entry: **THRISSUR**
 Reference Number: **18BIA0140209**
 Accreditation Number: **500/5473/9**

[Signature: Saul Nassé]

Saul Nassé
Chief Executive

*This level refers to the UK National Qualifications Framework

Regulated by





Cambridge English Entry Level Certificate in ESOL International (Entry 3) (Business Preliminary)*

This is to certify that

ADITHYA HARIDAS

has been awarded

Pass with Merit

in the

Business English Certificate Preliminary

Council of Europe Level B1

Overall Score	158
Reading	165
Writing	148
Listening	158
Speaking	160

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[Signature]

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

Date of Examination **NOVEMBER B (PM1) 2018**
 Place of Entry **THRISSUR**
 Reference Number **18BIA0140191**
 Accreditation Number **500/2428/0**

[Signature]
Saul Nassé
Chief Executive

*This level refers to the UK National Qualifications Framework

Regulated by





Jyothi Engineering College

N.A.C. Accredited College with NAAC Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR
 JYOTHI HILLS, VETIKATTIRI P.O, CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91-4884-259000, 274423 FAX : 04884-274777
 Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022, MBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

Competative Exam Details

Sl. no.	Year	Registration number/roll number for the exam	Names of students selected/ qualified	Names of students selected/ qualified										Other examinations conducted by the State / Central Government Agencies (Specify)			
				NET	SLET	GATE	GMAT CAT	GRE	JAM	IELTS	TOEFL	Civil Service examinations	State government examinations				
1	2019 - 20	U4571828	Jisna Joby									Yes					
2	2019 - 20	U5211381	Chinnu Davis									Yes					
3	2019 - 20	U7158446	Sandra M.A									Yes					
4	2019 - 20	9106002	Muhammed Anjal				Yes										
5	2018 - 19	CE19S81325388	Haleema Lameez														
6	2018 - 19	CE19S81325295	Thajuddeen			Yes											
7	2018 - 19	CE19S71325441	Anjana C P			Yes											
8	2018 - 19	CE19S31325310	Sarath M			Yes											
9	2018 - 19	CS19S31325310	Ashique P S			Yes						Yes					
10	2017 - 18	S4188266	Catherine Anto			Yes											
11	2016 - 17	EE18S63034301	Smruthi Krishna K.			Yes											
12	2016 - 17	EE17S51321026	Adhipa K. R.			Yes											
13	2016 - 17	EE17S51321120	Antony J. Manjila			Yes											
14	2016 - 17	EE17S61324002	Milner Paul V			Yes											
15	2015 - 16	65365	Sisira P.			Yes											
16	2015 - 16	EE16S81062021	Chandini Nandakumar			Yes											
17	2015 - 16	EE16S61085092	Mahesh M. P.			Yes											
18	2015 - 16	CS16S51087088	Tessa Jose			Yes											
19	2015 - 16	601530195	Nicky Jose			Yes											
20	2015 - 16	ME16S11115066	Balasanakar P			Yes											
		ME16S31079042	Neeraj M P			Yes											
		Total				13	1	1				4					1
		Grand Total															20

Amaly

K.MATUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531

Test Report Form

ACADEMIC

NOTE Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules.
GENERAL TRAINING Reading and Writing Modules are **not** designed to test the full range of language skills required for academic purposes.
It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed **after two years** from the date of the test.

Centre Number

IN855

Date

26/SEP/2020

Candidate Number

051741

Candidate Details

Family Name

-

First Name

JISNA JOBY

Candidate ID

U4571828



Date of Birth

27/03/1998

Sex (M/F)

F

Scheme Code

Private Candidate

Country or Region of Origin

Country of Nationality

INDIA

First Language

MALAYALAM

Test Results

Listening

7.5

Reading

8.0

Writing

6.0

Speaking

6.0

Overall Band Score

7.0

CEFR Level

C1

Administrator Comments

[Empty box for Administrator Comments]

Centre stamp



Validation stamp



Administrator's Signature

Date

09/10/2020

Test Report Form Number

20IN051741TJ855A

True Copy Attached

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

Test Report Form

ACADEMIC

NOTE Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules.
GENERAL TRAINING Reading and Writing Modules are **not** designed to test the full range of language skills required for academic purposes.
It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed **after two years** from the date of the test.

Centre Number

IN855

Date

12/DEC/2020

Candidate Number

141885

Candidate Details

Family Name

DAVIS

First Name

CHINNU

Candidate ID

U5211381



Date of Birth

04/04/1997

Sex (M/F)

F

Scheme Code

Private Candidate

Country or Region of Origin

Country of Nationality

INDIA

First Language

MALAYALAM

Test Results

Listening

7.0

Reading

6.0

Writing

6.0

Speaking

6.0

Overall Band Score

6.5

CEFR Level

B2

Administrator Comments

[Empty box for Administrator Comments]

Centre stamp



Validation stamp



Administrator's Signature

[Handwritten Signature]

True Copy Attested

Date

24/12/2020

Test Report Form Number

20IN141885DAVC855A

[Handwritten Signature]
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

Test Report Form

ACADEMIC

NOTE Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules.
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It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed **after two years** from the date of the test.

Centre Number

IN855

Date

19/DEC/2020

Candidate Number

157437

Candidate Details

Family Name

MADATHIL ANIL

First Name

SANDRA MARIYA

Candidate ID

U7158446



Date of Birth

05/12/1997

Sex (M/F)

F

Scheme Code

Private Candidate

Country or Region of Origin

Country of Nationality

INDIA

First Language

MALAYALAM

Test Results

Listening

6.5

Reading

6.5

Writing

6.0

Speaking

7.5

Overall Band Score

6.5

CEFR Level

B2

Administrator Comments

Empty box for Administrator Comments.

Centre stamp



Validation stamp



Administrator's Signature

True Copy Attested

Date

31/12/2020

Test Report Form Number

20IN157437MADS855A

Sunny
Dr. SUNNY JOSEPH KALAYATHANNAAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Mains)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531



GATE 2019 Scorecard

Graduate Aptitude Test in Engineering



Candidate's Details

Name

HALEEMA LAMEEZ THAJUDDEEN

Registration Number

CE19S81325388

Examination Paper

Civil Engineering (CE)

(Candidate's Signature)

Performance

Marks out of 100*

32.30

Qualifying Marks**

28.2

25.4

18.8

General OBC (NCL) SC/ST/PwD

GATE Score

396

Valid from March 17, 2019 to March 16, 2022

All India Rank in this paper

15282

Number of Candidates
Appeared in this paper

145064

* Normalized marks for multi-session papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this scorecard

Digital Fingerprint: d2bc7adf1df62d07948ad320c452b470



N. J. Vasu
Prof. Nilesh J. Vasu

March 17, 2019

Organizing Chairman, GATE 2019
(on behalf of NCB - GATE, for MHRD)

The GATE 2019 score is calculated using the formula

$$GATE\ Score = S_q + (S_r - S_q) \frac{(M - M_q)}{(\bar{M}_r - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this GATE 2019 scorecard

M_q is the qualifying marks for general category candidate in the paper

\bar{M}_r is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_r = 900$, is the score assigned to \bar{M}_r

In the GATE 2019 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2019 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

Codes for XE and XL Paper Sections (compulsory section and any other two sections)

XE: Engineering Sciences

- A - Engineering Mathematics (compulsory)
- B - Fluid Mechanics
- C - Materials Science
- D - Solid Mechanics
- E - Thermodynamics
- F - Polymer Science and Engineering
- G - Food Technology
- H - Atmospheric and Oceanic Sciences

XL: Life Sciences

- P - Chemistry (compulsory)
- Q - Biochemistry
- R - Botany
- S - Microbiology
- T - Zoology
- U - Food Technology

True Copy Attested

Sunny
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

Jyothi Engineering College
Cheruvu, IIT Madras

Graduate Aptitude Test in Engineering (GATE) 2019 was organized by Indian Institute of Technology Madras on behalf of the National Coordination Board (NCB) - GATE for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.



GATE 2019 Scorecard

Graduate Aptitude Test in Engineering

Candidate's Details

Name

ANJANA C P

Registration Number

CE19S81325295

Examination Paper

Civil Engineering (CE)



Anjana
(Candidate's Signature)

Performance

Marks out of 100*

31.31

Qualifying Marks**

28.2

25.4

18.8

General OBC (NCL) SC/ST/PwD

GATE Score

385

Valid from March 17, 2019 to March 16, 2022

All India Rank in this paper

16392

Number of Candidates
Appeared in this paper

145064

* Normalized marks for multi-session papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this scorecard

Digital Fingerprint: aef3aa8a301fddcab6e9524eee52d89b



N. J. Vasa
Prof. Nilesh J. Vasa

March 17, 2019

Organizing Chairman, GATE 2019
(on behalf of NCB - GATE, for MHRD)

The GATE 2019 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

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M_q is the qualifying marks for general category candidate in the paper

\bar{M}_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_t = 900$, is the score assigned to \bar{M}_t

In the GATE 2019 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

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C - Materials Science

D - Solid Mechanics

E - Thermodynamics

F - Polymer Science and Engineering

G - Food Technology

H - Atmospheric and Oceanic Sciences

XL: Life Sciences

P - Chemistry (compulsory)

Q - Biochemistry

R - Botany

S - Microbiology

T - Zoology

U - Food Technology

True Copy tested
Anjana
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

Jyothi Engineering College
Chennai, Tamil Nadu. P.O. 679 531

Graduate Aptitude Test in Engineering (GATE) 2019 was organized by Indian Institute of Technology Madras on behalf of the National Coordination Board (NCB) - GATE for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.



GATE 2019 Scorecard

Graduate Aptitude Test in Engineering

GATE 2019

Candidate's Details

Name

SARATH M

Registration Number

CE19S71325441

Examination Paper

Civil Engineering (CE)



[Signature]

(Candidate's Signature)

Performance

Marks out of 100*

29.46

Qualifying Marks**

28.2

25.4

18.8

General OBC (NCL) SC/ST/PwD

GATE Score

364

Valid from March 17, 2019 to March 16, 2022

All India Rank in this paper

18769

Number of Candidates
Appeared in this paper

145064

* Normalized marks for multi-session papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this scorecard

Digital Fingerprint: 843625abe350c550b3c757acc95fe6e2



N. J. Vasu
Prof. Nilesh J. Vasu

March 17, 2019

Organizing Chairman, GATE 2019
(on behalf of NCB - GATE, for MHRD)

The GATE 2019 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where,

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M_q is the qualifying marks for general category candidate in the paper

\bar{M}_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_t = 900$, is the score assigned to \bar{M}_t

In the GATE 2019 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

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Codes for XE and XL Paper Sections (compulsory section and any other two sections)

XE: Engineering Sciences

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- C - Materials Science
- D - Solid Mechanics
- E - Thermodynamics
- F - Polymer Science and Engineering
- G - Food Technology
- H - Atmospheric and Oceanic Sciences

XL: Life Sciences

- P - Chemistry (compulsory)
- Q - Biochemistry
- R - Botany
- S - Microbiology
- T - Zoology
- U - Food Technology

True Copy Attested

[Signature]
Dr. Sunny JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College

Graduate Aptitude Test in Engineering (GATE) 2019 was organized by Indian Institute of Technology Madras on behalf of the National Coordination Board (NCB) - GATE for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.



GATE 2019 Scorecard

Graduate Aptitude Test in Engineering




Candidate's Details

Name
ASHIQ P.S

Registration Number
CS19S31325310

Examination Paper
Computer Science and Information Technology


(Candidate's Signature)

Performance

Marks out of 100* **30.33**

Qualifying Marks** **29.5** **26.6** **19.7**
General OBC (NCL) SC/ST/PwD

GATE Score **359**

Valid from March 17, 2019 to March 16, 2022

All India Rank in this paper **13392**

Number of Candidates Appeared in this paper **99932**

* Normalized marks for multi-session papers
** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this scorecard.

Digital Fingerprint: 96dcc426ff96c30e3d7ba3a7b042dee5



N. J. Vasa
Prof. Nilesh J. Vasa

March 17, 2019

Organizing Chairman, GATE 2019
(on behalf of NCB - GATE, for MHRD)

The GATE 2019 score is calculated using the formula

$$GATE\ Score = S_q + (S_r - S_q) \frac{(M - M_q)}{(M_r - M_q)}$$

where,

- M is the marks obtained by the candidate in the paper, mentioned on this GATE 2019 scorecard
- M_q is the qualifying marks for general category candidate in the paper
- M_r is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)
- $S_q = 350$, is the score assigned to M_q
- $S_r = 900$, is the score assigned to M_r

In the GATE 2019 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2019 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

Codes for XE and XL Paper Sections (compulsory section and any other two sections)

- XE: Engineering Sciences**
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 - B - Fluid Mechanics
 - C - Materials Science
 - D - Solid Mechanics
 - E - Thermodynamics
 - F - Polymer Science and Engineering
 - G - Food Technology
 - H - Atmospheric and Oceanic Sciences

- XL: Life Sciences**
- P - Chemistry (compulsory)
 - Q - Biochemistry
 - R - Botany
 - S - Microbiology
 - T - Zoology
 - U - Food Technology

True Copy Attested
hemant

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

Jyothi Engineering College
Chennai

Graduate Aptitude Test in Engineering (GATE) 2019 was organized by Indian Institute of Technology Madras on behalf of the National Coordination Board (NCB) - GATE for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.

Test Report Form

ACADEMIC

NOTE Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules. GENERAL TRAINING Reading and Writing Modules are not designed to test the full range of language skills required for academic purposes. It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed after two years from the date of the test.

Centre Number Date Candidate Number

Candidate Details

Family Name
First Name
Candidate ID



Date of Birth Sex (M/F) Scheme Code
Country or Region of Origin
Country of Nationality
First Language

Test Results

Listening Reading Writing Speaking Overall Band Score CEFR Level

Administrator Comments

(Empty comment box)



True Copy Attested

(Handwritten signature)

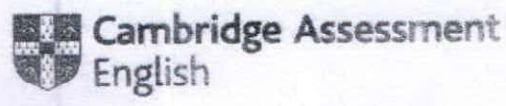
Administrator's Signature

(Handwritten signature)

Date

Test Report Form Number

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc., M.Phil., B.Ed.
Ph.D (Computer Science), Ph.D (Maths)
Principal
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531



SL NO: 48



GATE 2018 Scorecard

Graduate Aptitude Test in Engineering

Candidate's Details

Name: SMRUTHI KRISHNA .K

Registration Number: EE18S63034301

Examination Paper: Electrical Engineering (EE)



(Candidate's Signature)

Performance

Marks out of 100*: 33.0

Valid from March 17, 2018 to March 16, 2021

Qualifying Marks**

29.1	26.1	19.4
General	OBC (NCL)	SC/ST/PwD

All India Rank in this paper: 12688

GATE Score: 393

Number of Candidates Appeared in this paper: 121383

* Normalized marks for multi-session papers
 ** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this scorecard

Digital Fingerprint: ce786bfd8c5595abb2c046b49418bce

Prof. G. Pugazhenthir
 March 17, 2018
 Organizing Chairman, GATE 2018
 (on behalf of NCB - GATE, for MHRD)

The GATE 2018 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(M_t - M_q)}$$

where,
M is the marks obtained by the candidate in the paper, mentioned on this GATE 2018 scorecard
M_q is the qualifying marks for general category candidate in the paper
M_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (In case of multi-session papers including all sessions)
S_q = 350, is the score assigned to **M_q**
S_t = 900, is the score assigned to **M_t**

In the GATE 2018 score formula, **M_q** is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here, μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2018 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

- Codes for XE and XL Paper Sections (compulsory section and any other two sections)
- | | |
|--|----------------------------|
| XE: Engineering Sciences | XL: Life Sciences |
| A - Engineering Mathematics (compulsory) | P - Chemistry (compulsory) |
| B - Fluid Mechanics | Q - Biochemistry |
| C - Materials Science | R - Botany |
| D - Solid Mechanics | S - Microbiology |
| E - Thermodynamics | T - Zoology |
| F - Polymer Science and Engineering | U - Food Technology |
| G - Food Technology | |
| H - Atmospheric and Oceanic Sciences | |

True Conv Attested

Graduate Aptitude Test in Engineering (GATE) 2018 was organized by Indian Institute of Technology Guwahati on behalf of the National Coordination Board (NCB) - GATE for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India

Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Sc., M.Phil., B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 PRINCIPAL

Jyothi Engineering College
 Cheruruthy P.O. - 679 531

Graduate Aptitude Test in Engineering

Candidate Details

Name

ADHIPA K R

Registration Number

EE17S51321026

Examination Paper

Electrical Engineering (EE)



(Candidate's Signature)

Performance

Mark out of 100^{*} **23.63**

Valid from March 26, 2017 to March 26, 2020

Qualifying Marks**

25.2

22.6

16.7

All India Rank in this paper

19631

GATE Score

329

Total Number of Candidates

117443

*Normalized marks for multisession papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable is produced along with this scorecard.

Digital Fingerprint : 124c2c43956f52be6037709586090d76

March 26, 2017

G. J. Chakrapani
Prof. Govind Joseph Chakrapani

Organizing Chairman, GATE 2017 on behalf of NCB-GATE, for MHRD

The GATE 2017 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this score card in GATE 2017

M_q is the qualifying marks for general category candidate in the paper

\bar{M}_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q ,

$S_t = 900$, is the score assigned to \bar{M}_t ,

In the GATE 2017 score formula, M_q is usually 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

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XE: Engineering Sciences

- A-Engineering Mathematics (compulsory)
- B-Fluid Mechanics
- C-Material Science
- D-Solid Mechanics
- E-Thermodynamics
- F-Polymer Science and Engineering
- G-Food Technology
- H-Atmospheric and Oceanic Sciences

XL: Life Sciences

- P-Chemistry (compulsory)
- Q-Biochemistry
- R-Botany
- S-Microbiology
- T-Zoology
- U-Food Technology

Graduate Aptitude Test in Engineering (GATE) 2017 was organised by Indian Institute of Technology Roorkee on behalf of the National Coordination Board (NCB) for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.

True Copy Attested

ASMAAD

Dr. SUNNY JOSHI
M.Tech, M.C.
Ph.D (Computer Science)

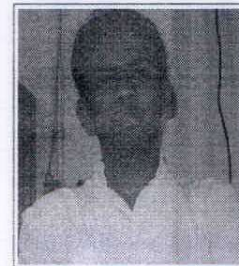
PRINCIPAL

Jyothi Engineering College
Cheruvuathy PO.-676 331



GATE 2017 Scorecard

Graduate Aptitude Test in Engineering



Name

MILNER PAUL V

Registration Number

EE17S61324002

Examination Paper

Electrical Engineering (EE)



(Candidate's Signature)

Candidate Details

Performance

Mark out of 100*	27.69	Valid from March 26, 2017 to March 26, 2020
Qualifying Marks**	25.2 (General), 22.6 (OBC (NCL)), 16.7 (SC/ST/PwD)	All India Rank in this paper
GATE Score	380	Total Number of Candidates
		14152
		117443

*Normalized marks for multisection papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable is produced along with this scorecard.

March 26, 2017

Prof. Govind Joseph Chakrapani

Digital Fingerprint : f7da4d7f15e7554f4e0a26376538b12c

Organizing Chairman, GATE 2017 on behalf of NCB-GATE, for MHRD

The GATE 2017 score is calculated using the formula

$$GATE\ Score = S_q + (S_c - S_q) \frac{(M - M_q)}{(\bar{M}_c - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this score card in GATE 2017

M_q is the qualifying marks for general category candidate in the paper

\bar{M}_c is the mean of marks of top 0.1% or top-10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_c = 900$, is the score assigned to \bar{M}_c

In the GATE 2017 score formula, M_q is usually 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

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- C-Material Science
- D-Solid Mechanics
- E-Thermodynamics
- F-Polymer Science and Engineering
- G-Food Technology
- H-Atmospheric and Oceanic Sciences

XL: Life Sciences

- P-Chemistry (compulsory)
- Q-Biochemistry
- R-Botany
- S-Microbiology
- T-Zoology
- U-Food Technology

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Roman
Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc. in Phil., B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 PRINCIPAL

Jyothi Engineering College
 Cheruvu, Cheruvu - 679 581

Graduate Aptitude Test in Engineering (GATE) 2017 was organised by Indian Institute of Technology Roorkhee on behalf of the National Coordination Board (NCB) for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.



ADMISSION SUPERVISORY COMMITTEE FOR PROFESSIONAL COLLEGES IN KERALA

KERALA MANAGEMENT ADMISSION TEST (KMAT KERALA)

CONDUCTED BY M. G. UNIVERSITY

SCORE CARD FOR 2017-18



Roll No.	65365	Date of Test	02/04/2017
Name of Candidate	SISIRA P	Date of Birth	08/09/1995
Father's / Guardian's Name	JANARDHANAN P	Category	SEBC
Email id	sisirap2012@gmail.com	Mobile	8606474954

Address	SISIRA,PONNAIM,KADIRUR, PONNIAM EAST,Kannur,Kerala,670641
---------	--

DETAILS WITH SCORES

Section	Part I-English Language and Comprehension	Part II-Quantitative Aptitude	Part III-Data Sufficiency and Logical Reasoning	Part IV-General Knowledge and Contemporary Business Scenario	Total
Max. Score	200	200	160	160	720
Score Secured	73	58	54	21	206
Status	Qualified				

Validity of the Score Card : 2017-18 Admission Only.

True Copy
Sunny

Dr. SUNNY JOSEPH KALAYATHANKAL

M.Tech, MCA, M.Sc, M.Phil, B.Ed

Ph.D. (Computer Science), Ph.D. (Maths)

PRINCIPAL

Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

CHAIRMAN
Admission Supervisory Committee

Note: "Result has been prepared based on the information provided by the candidates in their online application form. The same is subject to verification by the concerned authorities."



Scorecard
Number
MO52F

GATE 2016 Scorecard

Graduate Aptitude Test in Engineering

Name
CHANDNI NANDAKUMAR

Registration Number
EE16S81062021

Examination Paper
Electrical Engineering (EE)



Chandni
(Candidate's Signature)

Organizing Institute for GATE 2016: Indian Institute of Science

Candidate's Details
Candidate's Performance
Bound

GATE Score	415	Valid from March 23, 2016 to March 22, 2019
Mark out of 100*	30.87	All India Rank in this paper
Qualifying Marks**	25.1 (General)	11032
	22.5 (OBC (NCL))	Number of Candidates Appeared in this paper
	16.7 (SC/ST/PwD)	125859

* Normalized marks for multisection papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned in the relevant category for which a valid category certificate, if applicable, must be produced along with this scorecard.

Digital Fingerprint : 329c3ad8730d7a9bc2d5fddb6a2044c8

March 23, 2016

T. Bhattacharyya
Prof. Tirthankar Bhattacharyya

Organizing Chairperson GATE2016 on behalf of NCB-GATE, for MHRD

The GATE 2016 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this scorecard in GATE 2016

M_q is the qualifying marks for general category candidate in the paper

\bar{M}_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_t = 900$, is the score assigned to \bar{M}_t

In the GATE 2016 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2016 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

Codes for XE and XL Paper Sections (compulsory section and any other two sections) :

XE: Engineering Sciences

- A-Engineering Mathematics (compulsory)
- B-Fluid Mechanics
- C-Material Science
- D-Solid Mechanics
- E-Thermodynamics
- F-Polymer Science and Engineering
- G-Food Technology

XL: Life Sciences

- H-Chemistry (compulsory)
- I-Biochemistry
- J-Botany
- K-Microbiology
- L-Zoology
- M-Food Technology

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Dr. SUNNY JOSEPH KALAYATHANKAL
M.Sc. on behalf of the Ph.D. in
Coordination Board (NCB) for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Ph.D (Maths)
Government of India.
PRINCIPAL

Graduate Aptitude Test in Engineering (GATE) 2016 was organized by the Indian Institute of Science on behalf of the Ph.D. in
Coordination Board (NCB) for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Ph.D (Maths)
Government of India.
Authenticity of this scorecard can be verified at the GATE 2016 website <http://gate.iisc.ernet.in>
Engineering College
P.O. - 679 531



GATE 2016 Scorecard

Graduate Aptitude Test in Engineering

Organizing Institute for GATE 2016 - Indian Institute of Science

Candidate's Details

Scorecard Number
BEBPK

Name
MAHESH M P



Registration Number
EE16S61085092

Examination Paper
Electrical Engineering (EE)

Mahesh
(Candidate's Signature)

GATE Score **357**

Valid from March 23, 2016 to March 22, 2019

Mark out of 100* **25.73**

All India Rank in this paper **16468**

Qualifying Marks**

25.1 General	22.5 OBC (NCL)	16.7 SC/ST/PwD
------------------------	--------------------------	--------------------------

Number of Candidates Appeared in this paper **125859**

* Normalized marks for multi-session papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned in the relevant category for which a valid category certificate, if applicable, must be produced along with this scorecard.

Digital Fingerprint : 38ce45d3f826dbd07Be75a9737d2c0b5

March 23, 2016

T. Bhattacharyya

Prof. Tirthankar Bhattacharyya

Organizing Chairperson GATE2016 on behalf of NCB-GATE, for MHRD

The GATE 2016 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this scorecard in GATE 2016

M_q is the qualifying marks for general category candidate in the paper

\bar{M}_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_t = 900$, is the score assigned to \bar{M}_t

In the GATE 2016 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

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Codes for XE and XL Paper Sections (compulsory section and any other two sections) :

- | | |
|--|--------------------------|
| XE: Engineering Sciences | XL: Life Sciences |
| A-Engineering Mathematics (compulsory) | H-Chemistry (compulsory) |
| B-Fluid Mechanics | I-Biochemistry |
| C-Material Science | J-Botany |
| D-Solid Mechanics | K-Microbiology |
| E-Thermodynamics | L-Zoology |
| F-Polymer Science and Engineering | M-Food Technology |
| G-Food Technology | |

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Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

Graduate Aptitude Test in Engineering (GATE) 2016 was organized by the Indian Institute of Science on behalf of the National Coordination Board (NCB) for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.

Authenticity of this scorecard can be verified at the GATE 2016 website <http://gate.iisc.ernet.in>



GATE 2016 Scorecard

Graduate Aptitude Test in Engineering

Scorecard
Number
JQ62S

Name
TESSA JOSE

Registration Number
CS16S51087088

Examination Paper
Computer Science and Information Technology (CS)



(Signature)
(Candidate's Signature)

Candidate's Details

Candidate's Performance

GATE Score **362**

Valid from March 23, 2016 to March 22, 2019

Mark out of 100* **26.05**

All India Rank in this paper **11415**

Qualifying Marks**

25.0 General	22.5 OBC (NCL)	16.6 SC/ST/PwD
------------------------	--------------------------	--------------------------

**Number of Candidates
Appeared in this paper** **108495**

* Normalized marks for multisession papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned in the relevant category for which a valid category certificate, if applicable, must be produced along with this scorecard.

Digital Fingerprint : d0648a28e4d90018c89edd66c01075cf

March 23, 2016

T. Bhattacharyya

Prof. Tirthankar Bhattacharyya

Organizing Chairperson GATE2016 on behalf of NCB-GATE, for MHRD

Organizing Institute for GATE 2016 : Indian Institute of Science

The GATE 2016 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where,

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M_q is the qualifying marks for general category candidate in the paper

\bar{M}_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_t = 900$, is the score assigned to \bar{M}_t

In the GATE 2016 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

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G-Food Technology

XL: Life Sciences

H-Chemistry (compulsory)

I-Biochemistry

J-Botany

K-Microbiology

L-Zoology

M-Food Technology

True Copy Attested

Sunny

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D. (Computer Science), Ph.D. (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

Graduate Aptitude Test in Engineering (GATE) 2016 was organized by the Indian Institute of Science on behalf of the National Coordination Board (NCB) for the Department of Higher Education, Ministry of Human Resource Development (MHRD), Government of India.

Authenticity of this scorecard can be verified at the GATE 2016 website <http://gate.iisc.ernet.in>

MAT-SCORE™

Management Aptitude Test

SCORE REPORT NO 15309534

FORM NUMBER
413744

TEST

MONTH & YEAR
SEPTEMBER 2015



ROLL NUMBER
601530195

GENDER : F

DOB : 19/11/1992



NAME : NICKY JOSE
ADD : NADUVATH HOUSE
KODENCHERRY POST, CALICUT
KODENCHERRY - 673580

DEGREE : ENGG
CATEGORY : GENERAL
WORK EXPERIENCE : NOT WORKING

SCALED SCORES

Language Comprehension	Percentile Below	Mathematical Skills	Percentile Below	Data Analysis & Sufficiency	Percentile Below	Intelligence & Critical Reasoning	Percentile Below	Composite Score	Percentile Below
47.65	46.63	42.16	9.79	51.35	63.38	54.05	62.23	535.50	49.10
Jan & Global Environment	Percentile Below	NEW DELHI 19/09/2015						V.S.BEJOY HEAD - CVS	
37.92	4.81	638163						SCORE VALID UPTO : SEPTEMBER 2016	

MAT Score is verifiable on www.aima.in during the Score Validity Period

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Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

Jyothi Engineering College
Cheruthuruthy P.O.- 679 531



Scorecard
Number
H27DJ

GATE 2016 Scorecard

Graduate Aptitude Test in Engineering

Name
NEERAJ M P

Registration Number
ME16S31079042

Examination Paper
Mechanical Engineering (ME)



(Candidate's Signature)

GATE Score **519**

Valid from March 23, 2016 to March 22, 2019

Mark out of 100* **46.28**

All India Rank in this paper **10201**

Qualifying Marks**

29.6	26.6	19.7
General	OBC (NCL)	SC/ST/PwD

Number of Candidates
Appeared in this paper **197789**

* A candidate's score in the GATE 2016 examination is calculated based on the marks obtained in the paper and the marks obtained by the candidates who appeared in the paper. The marks obtained by the candidate in the paper are divided by the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions).
Digital Fingerprint: 861231126beb74d9eda0a3d759dfdd2a

March 23, 2016
Organizing Unit/Institution: GATE2016 on behalf of NCB-GATE, for MHRD

T. Bhattacharyya

Prof. Tirthankar Bhattacharyya

Organizing Unit/Institution: GATE2016 on behalf of NCB-GATE, for MHRD

Candidate's Details

Organizing Institute for GATE 2016 - Indian Institute of Science

The GATE 2016 score is calculated using the formula

$$\text{GATE Score} = S_g + (S_r - S_g) \frac{(M - M_g)}{(\bar{M}_r - M_g)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this scorecard in GATE 2016

M_g is the qualifying marks for general category candidate in the paper

\bar{M}_r is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_g = 350$ is the score assigned to M_g

$S_r = 900$ is the score assigned to \bar{M}_r

In the GATE 2016 score, M_g is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation (in marks) of all the candidates who appeared in the paper.

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XL: Life Sciences

H-Chemistry (compulsory)

I-Biochemistry

J-Botany

K-Microbiology

L-Zoology

M-Food Technology

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M.Tech, MCA, M.Sc, M.Phil, B.Ed
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PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

Graduate Aptitude Test in Engineering (GATE) 2016 was organized by the Indian Institute of Science on behalf of the National Coordination Board, New Delhi, the Department of Higher Education, Ministry of Human Resource Development, Government of India. Authenticity of this scorecard can be verified at the GATE 2016 website <http://gate.iitb.ac.in> or <http://gate.iitk.ac.in>



Jyothi Engineering College

N A A C Accredited College with 7-33 Accredited Programmes*

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A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETIKATHI P.O., CHERUTHURUTHY, TRISSUR, PIN-679531 PH: +91-4884-259000, 274423 FAX: 04884-274777

NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

Department of Computer Science and Engineering

Student Publications

PG

Sl No	Names of students	Name of paper	Name of journal	Date/issue	publis hed
2015-16					
1	Jyothsana G K	"Simplifying document annotation using a data sharing platform"	Proceeding of IEEE International Conference on Intelligent systems and control	Jan 2016.	
2	Jyothsana G K	Assisting Document Annotation using a Data Sharing Platform"	IEEE International Conference at Karpagam Engineering College	January 2016 .	
3	Divya Jose	Double Stage Crawler for Efficient Retrieval of Deep Web Interfaces	Proceeding of International Conference on Innovations in information Embedded and Communication Systems	Mar 2016	
4	Divya Jose	Efficient Domain Specific 2 step Crawler To Identify Hidden Data Inside The Web",	Proceeding of 2nd IEEE International Conference on Engineering & Technology ,	Mar 2016	
5	Divya Jose	Household Device Usage Identification and Future Power Management Using Smart Meter",	28th Kerala Science Congress (Jan 2016) Proceedings	Jan 2016	
6	Neethu K S, Roshmy George	"Text Classification Using KM-ELM Classifier	roceedings of IEEE International Conference on Circuit, Power and Computing Technologies ICCPCT , Nagarcoil,	Mar 2016	
7	Jyothi P Joy	Secure Authentication	IEEE 3rd International Conference On Innovations In Information Embedded And Communication System -ICIECS'15	Mar 2016	

Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
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 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531

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Jyothi Engineering College

NAAC Accredited College with 'A' Accredited Programmes*

Approved by AICTE & affiliated to API Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTI P.O., CHERUTHURUTHY, THRISSUR, PIN-679531 PH: +91-4884-259000, 274423 FAX: 04884-274777

NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programmes in Civil Engineering valid for the academic years 2019-2022.

			Karpagam College of Engineering College, Coimbatore.		
8	Jyothi P Joy	"Secure Authentication Using Hopper-blum"	28th Kerala Science Congress (Jan 2016) Proceedings	Jan 2016	
9	Jyothi P Joy	"Automatic Accident Notification And Severity Evaluation Of Vehicular Accidents"	28th Kerala Science Congress (Jan 2016) Proceedings	Jan 2016	
10	Jyothi P Joy	"Secure Authentication Using Cognitive Scheme"	International Conference and Exhibition on Performance of Ships and Structures ICETECH 16	Jan 2016	
11	Nirosha Antony	"Monitoring the Railways "	28th Kerala Science Congress (Jan 2016) Proceedings	Jan 2016	
12	Supriya Jose	"Mobile Robot Remote path planning and motion control in a maze environment"	International Conference and Exhibition on Performance of Ships and Structures ICETECH 16	Jan 2016	
13	Supriya Jose	Algorithm based motion control of a robot"	EEE 3rd International Conference On Innovations In Information Embedded And Communication System -ICIECS'15	Dec 2015	
14	Supriya Jose	"Detecting waterborne pathogens using a mobile and a DNA sensor",	IEEE International Conference at Karpagam Engineering College, Coimbatore	8th January 2016 .	
15	Linnet Tomy	"Secure Communication of data through encrypted images using reversible data hiding",	Proceeding of IEEE Interational Conference on Engineering and Technology ,Coimbatore,	Mar 2016.	
16	Linnet Tomy	Secure Communication Of Data Through Ecrypted Images Using Reversible Data Hiding	,KETCON Kerala Technological Congress 2016 ,	Jan 2016	
17	Linnet Tomy	Secure Data Transmission Through Reversible Data Hiding	IEEE 3rd International Conference On Innovations In Information Embedded And	Dec 2015	

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

Jyothi Engineering College
Cheruthuruthy P.O - 679 531



Jyothi Engineering College

NAAC Accredited College with 'B' Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR
 JYOTHI HILLS, VETIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, PIN-679531. PH: +91-4884-259000, 274423. FAX: 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programmes in Civil Engineering valid for the academic years 2019-2022.

			Communication System ICIECS'15		
18	Linnet Tomy	Secure Transmission Of Data Through Encrypted Images Using Reversible Data Hiding	International Conference and Exhibition on Performance of Ships and Structures ICETECH 16	Mar 2016.	
19	Swathy M Sony	Trust based on On-Off attack management	International Conference and Exhibition on Performance of Ships and Structures ICETECH 16	Mar 2016.	
20	Swathy M Sony	On-Off attack management based on trust	EEE 3rd International Conference On Innovations In Information Embedded And Communication System -ICIECS'15	Dec 2015	
21	Swathy M Sony	Authentication Methodology Using Electroencephalogram	28th Kerala Science Congress (Jan 2016) Proceedings	Jan 2016	
22	D. Benny	New local adaptive thresholding and dynamic self-organizing feature map techniques for handwritten character recognizer,	Circuit, Power and Computing Technologies (ICCPCT), 2015 International Conference on, Nagercoil, 2015.	Dec 2015	
23	D. Benny	New Dynamic Self-Organizing Feature Maps for the classification of extracted feature vectors of characters,	Robotics, Automation, Control and Embedded Systems (RACE), 2015 International Conference on, Chennai, 2015.	Dec 2015	
24	Arun.k	Efficient load balancing in networks using Dynamic channel allocation technique	International Conference on Innovations in information Embedded and Communication Systems, Mar 2016	Mar 2016.	
25	Arun. K	"Traffic Pattern Identification Using Statistical Techniques In Mobile Ad-Hoc Networks For Secure Communication"	28th Kerala Science Congress (Jan 2016) Proceedings	Jan 2016	

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NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

26	Arun K	"Efficient Load balancing Technique Using Dynamic Channel Allocation"	2nd IEEE International Conference on Engineering & Technology ,	Mar 2016	
27	Aparna.U.R	"Feature Selection and Extraction in Data mining"	IEEE 3rd International Conference On Innovations In Information Embedded And Communication System ICIECS'15	Dec 2015	
28	Aparna.U.R	"Phishing Detection by Classification "	28th Kerala Science Congress (Jan 2016) Proceedings	Jan 2016	
29	Aparna.U.R	"Feature Selection Mechanism in Data Mining"	International Conference and Exhibition on Performance of Ships and Structures ICETECH 16	Jan 2016	
30	Harsha T D	"Structure Description From Visual Orientation"	Kerala Technological Congress KETCON 2016 ,Jan 2016	Jan 2016	
31	Harsha T D	"Visual Orientation and Structure Description of an Image"	IEEE 3rd International Conference On Innovations In Information Embedded And Communication System -ICIECS'15	Dec 2015	
32	,N Radhika	"Design of a Secure Architecture for Last Mile Communication in Smart Grid System"	Isevier Smart Grid Technologies,	Aug 6-8,2015.	
33	Soniya Joseph	Performance Evaluvation of Damgard Jurik and Blowfish algorithm in SG System"	IEEE 3rd International Conference On Innovations In Information Embedded And Communication System -ICIECS'15	Dec 2015	
34	Soniya Joseph	Novel Architecture for Efficient Communication in Smart Grid Home Area Network	IEEE International Conference on Computational Intelligence and Computing Research 2015, Madurai	December 2015	
35	Swathy Ramdas	Filtered Wall: Filtering Unwanted Messages From Osn User Walls"	28th Kerala Science Congress (Jan 2016) Proceedings	Jan 2016	

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NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

2016-17					
1	G K Jyothsna	"Assisting document annotation using a data sharing platform"	International Conference on Intelligent Systems and Control (ISCO) Year: 2016	Sep 2016	
2	Supriya Jose	Mobile robot remote path planning and motion control in a maze environment	2016 IEEE International Conference on Engineering and Technology (ICETECH)	Sep 2016	
3	Supriya Jose	Detecting waterborne pathogens using mobile and a DNA sensor	2016 IEEE International Conference on Engineering and Technology (ICETECH)	Dec 2016	
4	Linnet Tomy ;	Secure data transmission through reversible data hiding 2016 Online International	Conference on Green Engineering and Technologies (IC-GET) Year: 2016	Dec 2016	
5	Swathy M Sony	On - off attack management based on trust	2016 Online International Conference on Green Engineering and Technologies (IC-GET)	Dec 2016	
6	Aparna U R	Feature selection and extraction in data mining	2016 Online International Conference on Green Engineering and Technologies (IC-GET)	Dec 2016	
7	Susan Shaju	A survey on computer aided techniques for diagnosing Alzheimer disease	2016 International Conference on Circuit, Power and Computing Technologies (ICCPCT)	Dec 2016	
2018-19					
1	P. K Jamshiya	Design of a Trusted Third Party Key Exchange Protocol for Secure Internet of Things (IoT)	2018 Second International Conference on Inventive Communication and Computational Technologies (ICICCT)	April 2018	

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NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NEA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

2	Hima Haridas	An Artificial Intelligence Approach for Predicting Different Types of Stroke",	2018 Second International Conference on Inventive Communication and Computational Technologies (ICICCT)	April 2018	
3	A K Aswathi	"An Intelligent System for Thyroid Disease Classification and Diagnosis",	2018 Second International Conference on Inventive Communication and Computational Technologies (ICICCT)	April 2018	
4	Frangly Francis,	Ensemble Approach for Predicting Genetic Disease through Case-Control Study	,2018 Second International Conference on Inventive Communication and Computational Technologies (ICICCT)	April 2018	
5	TK Keerthana	An Intelligent System for Early Assessment and Classification of Brain Tumor	2018 Second International Conference on Inventive Communication and Computational Technologies (ICICCT)	April 2018	
6	Riya Roy	Classification of WBC Using Deep Learning for Diagnosing Diseases Riya Roy ; Swapna Sasi	2018 Second International Conference on Inventive Communication and Computational Technologies (ICICCT)	April 2018	
7	Laya K Roy	A Novel Method of Object Identification and Tagging Using Speeded-Up Robust Feature	2018 Second International Conference on Inventive Communication and Computational Technologies (ICICCT)	April 2018	
8	Krishna Thulasi N P	A Novel Approach for Diagnosing Alzheimer's Disease Using SVM	2018 2nd International Conference on Trends in Electronics and Informatics (ICOEI)	April 2018	
2019-2020					
9	Nijitha	Automating the Drug Dosage of Tacrolimus for Liver, Renal Transplant Patients using Neural Network	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	DEC 2019	
10	Lufiya George	Hand Gesture Recognition:Case Study	International Journal of New Technologies in Science and Engineering Vol. 6, Issue, ID 2019, KALAYATHANKAL	August 2019	

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Sl No	Names of students	Name of paper	Name of journal	Date/issue	published
2015-16					
1	Jovis Joseph Aloor, Sahana P S, Seethal S, Sneha Thomas,	Design of VR headset Using Augmented Reality"	Proceedings of International Conference on Electrical, Electronics and Optimization Techniques ,Chennai,	March 2015	Yes
2	Minara P Anto, Mejo Antony, Muhsina K M, Nivya Johny C, Vinay James,	Product Rating Using Sentimental Analysis"	Proceedings of International Conference on Electrical, Electronics and Optimization Techniques ,	Chennai, March 2015	Yes
3	Veena P C, Ramya K, Riya Joju, Hima Haridas, Paulsy Tharakan	Smart Street Light System Based on Image Processing	IEEE International Conference on Circuit, Power and Computing Technologies	Mar 2016	Yes
4	Athira S, Radwin Raphael, Frangly Francis, Snohy Porinchu, Sachin NS	"Smart Mirror a Novel Framework for Interactive Display"	he International Conference on Circuit, Power and Computing Technologies ICCPCT-	March 2016	Yes
5	Shalince Dominic, Mahesh Mohan, Aparna C, Ajeesh M S, Aswin S Nath	A Review of Face detection system	Proceedings of International Conference on Electrical, Electronics and Optimization Techniques ,Chennai,	March 2016	Yes
6	Aju J Antony, Anitta Annie Alex, Dalwin C D, Majes George	Intelligent Policing system"	International Conference and Exhibition on Performance of Ships and Structures ICETECH 16	March 2016	Yes
7	Ajina Assissi, Angel Mariya Paul, Joe Mathew, Justine Paul, Tessa Jose	Beaconholic: An Efficient Framework For Location Sensing Reminder Application Using IOT	Proceedings of International Conference on Electrical, Electronics and Optimization Techniques	March 2015	Yes

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8	Leenat Chacko C, Tania Pius, Arun Rappai C, Alwin Vincent	Mobrobo	IEEE International Conference on Human Computer Interactions (ICHCI'16)	March 2015	Yes
9	Indhu Ashok, Gijo Varghese, Shaina Paulson, Sreemon K S, Liyanto P J,	Website code analysis and optimizer"	International Conference and Exhibition on Performance of Ships and Structures ICETECH 16	JAN 2016	Yes
10	Hasna Benny, Manikandan K S, Naija T C, Neenu Davis N	A Novel Architecture for Prediction based tariff of Home Area Network in Smart Grid",	Proceedings of International Conference on Human Computer Interactions(ICHCI) Chennai,	March 2015	Yes
11	Sanjo Simon, Thasviya Haroon, Neena S, Krishna Prasad K K, Rejoice Wilson	"Convival Private Cloud implementation System Using OpenStack "	International Conference on Electrical, Electronics & Optimization Techniques(ICEEOT)	3rd - 5th March 2016	Yes

2016-17

1	Athira C A , Hashlyin P Jose, Jini John,	Security Alert using Face Recognition",	International Research Journal of Advances in Computer Science and Technology, Vol 5 No 12	Dec 2016	Yes
2	S Athira ; Frangly Francis ; Radwin Raphel ; N S Sachin ; Snophy Porinchu ;	Smart mirror: A novel framework for interactive display	2016 International Conference on Circuit, Power and Computing Technologies (ICCPCT)	Dec 2016	Yes
3	aparna Mohan, Dilsha Hydrar Ali,	"Secure Online Payment System - A Review on variois Techniques"	International Journal of Advanced Research,	December 2016	Yes
4	Albin Vince, Arnold Tom	Comparative study of Vehicle Speed Controlling System"	Inter national Jouranal of advanced research ,	December 2016	Yes
5	Sarga Ajithan, Sredha Mary Jose, Sarath Krishna Sonu Simon , Juby Jose	A Novel and Secure Methodology for Voting using Encriptionand Bio metric Authentication"	Inter antion Research Jouranal of Engineering and Technology, Vol 4 Issue 4 sprin 2017	March 2017	Yes
6	Aiswarya Paulson, Aby John Varghese, Deen Shifas	ATM for Visually Challenged People"	International Research Journal of Engineering and Technology, Vol 4 Issue 4 sprin 2017	March 2017	Yes

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NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

		Technology, vol 4 Issue 3			
Academic year :2018-19					
1	Ajaz,Abhishek,Jilu	Automated bi llboard system	International journal of modern Engg and research technology	Aug 2019,vol 7	publish ed
2	Reshma ,pretty,Noble,John	Child security system	International journal of modern Engg and research technology	Aug 2019,vol 7	publish ed
3	Nikhil,Ramsankar,N ishna,Tisa	Parking Lot automation	International journal of modern Engg and research technology	Aug 2019,vol 7	publish ed
4	Anand,Anirudh,Hari krishnan	Source restricted book referencing system	International journal of modern Engg and research technology	Aug 2019,vol 7	publish ed
5	Adarsh,Ancia,Aleen a,Emmanuel	Virtual Doctor Chat bot For Medical Diagnosis	International journal of modern Engg and research technology	Aug 2019,vol 7	publish ed
6	Adhul,Ashik,Athira, Divya	Automatic Line Following Wheelchair	International journal of modern Engg and research technology	Aug 2019,vol 7	publish ed
7	Manoop,Rizana,Vija y,CyriI	CYBOT	International journal of modern Engg and research technology	Aug 2019,vol 7	publish ed
8	Nicy,Reni,Rahul,Sre elakshmi	Smart Cart with Automatic Billing, Product Information Using RFID Anti-Theft System	International journal of modern Engg and research technology	Aug 2019,vol 7	publish ed
Academic year :2019-2020					
1	Reshma,Flower Mariya,Sneja,Ano	LBA using Blockchain	International Journal of Trend in Scientific Research and Development	June 2020,vol 4	publish ed
2	Arya,Abin,Joel,Jofiya	Performance Analysis of different Classifiers for Earthquake prediction: PACE	International journal of innovative research in technology	July 2020,vol7	publish ed
3	Augustin ,Ayisha ,Anaghs	Virtual Therapy using Amazon's Alexa	International Journal of Advances in Computer Science and Technology	July 2020,vol 9	publish ed
4	Sreelakshmi,Meera,Se nna,Mathews	KYC using Blockchain	International Journal of Trend in Scientific Research and Development	Vol 4,june 2020	publish ed
5	Tenwin,Vishnuraj,Lin o,Varun	Review of Software to Analyse the Physical Conditions of the Athletes using sEMG	International Journal of Trend in Scientific Research and Development	Vol 4,june 2020	publish ed
6	Joshua Shaji, Antony David, Divya Stephen, Amitha Isac,	Library Management System	International Journal of Trend in Scientific Research and Development	Vol 4,june 2020	publish ed

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NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

7	Vikas P, Meera N, Lillit Francis, Vimal Mohan	Traffic Automation Using Computer Vision	International Journal of Computer Trends and Technology	Vol 68, Issue 6, June 2020	publish ed
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Department of Mechanical Engineering

Student Publications Details

Sl No	Name of students	Name of paper	Name of journal	Date/issue
Academic year :2019-20				
B Tech				
1	Joyel Joseph Jobi, Manu Prasad, Riyas Ahmad, Vivek K	E- Mobility Vehicle for physically challenged	International and Digital Conference on Electrification and Digital Mobility, Chennai, India,	2020
2	Aswin Thomas, Cristeen C B, Dinsa Davis, Jerin Jimmy	Modelling of surveillance hovercraft	Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering, India,	26-28 October, 2020
3	Savio Babu Puthur, Liya Maria P R, Milan Hearty, Krishnaprasad V P	Automatic seat belt release system	Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering, India,	26-28 October, 2020
4	Adarsh Sunil, Arjun K M, Deepak M. N	Investigation of mechanical properties of ecofriendly composite prepared from saw dust	Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering, India	26-28 October, 2020
5	Harinarayanan V	Characterisation of titanium aluminide (Ti-Al) based alloys prepared by spark	Virtual International Conference on Advanced Technologies and	26-28 October, 2020

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		plasma sintering method	Research in Mechanical Engineering, India,	
6	Christo Poulouse, Dilshad M. K, Gokul Baburaj, Gregarin Thomas	Solar Powered Vehicle Cabin Cooling System	Proceedings of International Virtual Conference on Recent Innovations in Science & Technology (RIST 2020)	7-8, May 2020
7	Akash A, Akhil Paul, Athul P. M, Harikrishna	Design and fabrication of sea water purification system	Proceedings of International Virtual Conference on Recent Innovations in Science & Technology (RIST 2020)	7-8, May 2020
8	Jeo Joe Jelin, Jeffry K Joy	Production of Diesel from Low Density Polyethylene	Proceedings of International Virtual Conference on Recent Innovations in Science & Technology (RIST 2020)	7-8, May 2020
9	Prakul K, Pranav T V, Sarath S, Vyshak Haridas	Design And Fabrication Of Ayurvedic Tablet Maker	Proceedings of International Virtual Conference on Recent Innovations in Science & Technology (RIST 2020)	7-8, May 2020
10	Abel Antoo, Alex Joseph, Ashwin Francis, Augustin Sagar	Multipurpose Air Cooling System	Proceedings of International Virtual Conference on Recent Innovations in Science & Technology (RIST 2020)	7-8, May 2020
11	Akshay B S, Akhilesh P, Jithin P Mohan, John Dennis	Anti-Drowning System for cars	Proceedings of International Virtual Conference on Recent Innovations in Science & Technology (RIST 2020)	7-8, May 2020

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12	Adarsh Sunil, Arjun K M, Athul Thomas, Deepak M N	Eco-friendly composite material from saw dust	Proceedings of International Virtual Conference on Recent Innovations in Science & Technology (RIST 2020),	7-8, May 2020
13	Arun Shaju K, AugasthyaKuruvi la, Don A Kakkassery, Febin Sebastian	Solar Tracking - A Novel Approach	Proceedings of International Virtual Conference on Recent Innovations in Science & Technology (RIST 2020)	7-8, May 2020
MTech				
1	Suprabha Hyman	Simulation, development and characterization of tunable capacitor (Part 1:- Linear mechanical drive),	Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering, India	26-28 October, 2020
2	Ashik M S,	Dry powder fire extinguisher robot	Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering, India	26-28 October, 2020
Academic year :2018-19				
BTech				
1	Arjun T B, Atul K P, Ajay P Muraleedharan, Albin Walton P, Bijinraj P B	A review on analysis of HHO gas in IC engines	Materials Today: Proceedings	11(2019) 1117- 1129
2	Sreerag V Nambiar,	The Low-Cost Adult Diaper Waste	International Journal of Mechanical and Production	Vol. 9, Aug 2019, 105-110

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	Sangeeth S, Vishnu Thilak A, Nigil Sebastian & Shabin K Joby	Management Method	Engineering Research and Development (IJMPERD)	
3	Saintson. P. A, Richard Jacob. E, Sanjai Babu. S & Manish. P	An Optimisation Of Surface Area And Heat Transfer Study Of Rectangular Porous Structure	International Journal of Mechanical and Production Engineering Research and Development.	Vol. 9, Special Issue, Aug 2019, 94-104
4	Nixon Johny, Murali T R, Manu Mathew P S	Experiment on carbon dioxide removal from flue gas	Materials Today: Proceedings	11 (2019) 1094- 1101

Academic year :2015-2016

BTech

1	Jaivin A. Varghese, Manoj Francis, Mossas V.J., Nidhin M.J., Nithil E.S., Sushmitha S	Experimental Investigation of a Helical Coil Heat Exchanger	Research Inventory: International Journal of Engineering and Science	Vol.5, Issue 8 (August 2015), PP -01-05
2	Colin Varghese, David Babu, Delwin Kuriyakose, Harikrishnan.A.S, Irshad M	Different Modes in Four Wheel Steered Multi-Utility Vehicles	Research Inventory: International Journal of Engineering and Science	Vol.6, Issue 4 (April 2016), PP -95-101
3	Sharukh K, Majo T Varghese, Steven Anto, Sijin E.B, Visakh K.K	Experimental Analysis of YSZ Coating on an IC Engine Piston	Research Inventory: International Journal of Engineering and Science	Vol.6, Issue 4 (April 2016), PP -106-111

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4	Mossas V.J., Nidhin M.J., Nithil E.S., Sushmitha S.	Experimental Investigation of Waste Heat Recovery System for Household Refrigerator	Research Inveny: International Journal of Engineering and Science	Vol.6, Issue 4 (April 2016), PP -19-23
5	Edwin Chalissery, Balakrishnan C.R, Edwin Joy Pulikkottil, Adersh R, Abi Daison, Elias K Elias	Design and Fabrication of Reverse Gear Mechanism for Handicapped People	International Journal of Scientific & Engineering Research	Volume 7, Issue 4, April 2016
6	Vipin Das, Nidhin M, Midhun Unnikrishnan, Nygin Jose, Rishikesh P.	Fabrication and Analysis of Solar Powered Air Cooler	The International Journal of Engineering and Science (IJES)	Volume 5, Issue 1, 2016, PP -36-41

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Department of Electrical & Electronics Engineering

Student Publications Details

SI No	Name of students	Name of paper	Name of journal	Date/issue
Academic year :2019-20				
B Tech				
1	Jain Varghese , Stephy Akkara	Atmospheric Water Absorption Kit	Journal of Advanced Engineering Research	Nov-19
MTech				
1	Stephy Akkara	Simulation on the generation of electricity from running train wheels.	International Journal of Mechanical and Production Engineering Research and Development	Aug-19
Academic year: 2018-19				
MTech				
1	Stephy Akkara	A Prototype design of RFID centered Hi-Tech Toll Assortment Plaza	Mediterranean Journal of Basic and Applied Sciences	August 2018

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SI No	Name of students	Name of paper	Name of journal	Date/issue
Academic year: 2017-18				
BTech				
1	Arathi Premnath ,Aiswarya Raj	A review study- Smart Grid integration of renewable sources using EZ and Z source inverters.	International Journal of Current Engineering and Scientific Research (IJCESR).	2017
2	Sai Lakshmi , Aiswarya Raj	A review study of E waste management in India	Asian Journal of Applied Science & Technology	September 2017
3	Philip Chacko	Nano Generator Intended for Harvesting	Asian Journal of Applied Science & Technology	September 2017
4	Arathi Premnath	SFCL Technology for generator protection	Asian Journal of Applied Science & Technology	September 2017
MTech				
1	Aiswarya Raj	Sustentation of Energy by a Contemporary GSM based Prepaid Energy Meter	Middle-East Journal of Scientific Research	September 2017
2	K P Sherin	Renewable power centred intelligent power supervision system for households.	Middle-East Journal of Scientific Research	September 2017
3	David Mathew	Voltage controlled DC-DC converter for enhancing waste heat recovery.	International journal of research in advent technology	May 2018

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Sl No	Name of students	Name of paper	Name of journal	Date/issue
Academic year: 2016-2017				
MTech				
1	Justin John	A novel three phase three level step up multilevel inverter topology for aircraft applications	2016 IEEE International Conference on Power Electronics ,Drives and Energy Systems	2016
2	Neethu John	Non Isolated DC-DC Converter Using one Cycle Control	International Conference on Innovation in Information Embedded and Communication Systems	2016
Academic year :2015-2016				
MTech				
1	Akhila M	Analysis of regenerative braking in brushless DC motor drive using adaptive neuro based fuzzy inference system	International Journal of Science and Research	Dec 2015
2	Divya Venugopalan	Integrated Dual Output Buck Boost Converter for Industrial Application.	International Journal of Engineering Research &Technology	November 2015
3	Chippy George M	PFC Cuk converter fed BLDC motor drive using artificial neural network.	International Journal of Engineering Research & Technology (IJERT)	November 2015
4	Emilin Thomas Kangappadan	One cycle control of interleaved Buck converter with step down conversion ratio.	International Research Journal of Engineering & Technology	Dec 2015

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Sl No	Name of students	Name of paper	Name of journal	Date/issue
5	Josie Baby	Closed loop control of high step up DC/DC converter based on coupled inductor and switched capacitor	International Research Journal of Engineering & Technology	November 2015
6	Reshma T M	Voltage mode control of soft switched single switch isolated DC-DC converter	International Research Journal of Engineering & Technology	Dec 2015
7	Reshma K R	PWM Control of High Gain Sepic Boost Converter with Coupled Inductor and Charge pump capacitor	International Research Journal of Engineering & Technology	Dec 2015
8	Sangeetha K	The Derivative of a Switched Coupled Inductor DC-DC Step Up Converter by using a Voltage Lift Network with Closed Loop Control for Micro Source Applications.	International Research Journal of Science and Research	Dec 2015
9	Liji K K	Ripple current reduction technique for DC to DC converter using tapped inductor	International journal of latest research in Engineering and Technology	2016
10	Neethu P Gopal	Closed Loop Control of ZCS Interleaved High Set Up Converter for Sustainable Energy Applications.	International Journal of Science and Research.	2016


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Department Of Civil Engineering

Student Publications Details

S/No	Name of students	Name of paper	Name of journal	Date/issue
Academic year :2019-20				
B Tech				
1	Vineetha N	Effect of Geometry on Driver Heart Rate, World Conference on Transport Research, May 2019	Transportation Research Procedia	May 2019
MTech				
1	Jeena Johny A	Two Lane Highway Consistency Based On Alignment Indices	International Journal of Advanced Research in Computer and Communication Engineering	January 2019.
2	Leejiya Jose	Performance Evaluation of Kerala State Road Transport Corporation	International Journal of Engineering Research and Technology (IJERT)	June 2019.
3	Herin K.J	Study of on street & off street parking choice behavior	International Journal of Advanced Research in Computer and Communication Engineering	January 2019.
4	Shahana H	Fuzzy Logic Based Route Choice Behaviour Modelling	International Research Journal of Engineering and Technology (IRJET)	January 2019

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SI No	Name of students	Name of paper	Name of journal	Date/issue
5	Chandni Divakaran P	Road traffic induced noise pollution modelling and fuel emission analysis at rail-road crossings	International Journal of Scientific and Engineering Research	May 2019
6	Herin K.J	Vehicle choice behaviour on "on street" parking	International Journal of Scientific and Engineering Research	May 2019
7	Jeena Johny A	Modeling of Intercity Mode Choice Behaviour of Passengers	International Journal of Scientific and Engineering Research	May 2019
8	Jerry Soman1,	Development of Accident Prediction Model on Horizontal Curves	International Research Journal of Engineering and Technology (IRJET)	March 2019
9	Nivea John	Crash Characteristic Analysis and Blackspot Identification using QGIS	International Journal of Advanced Research in Computer and Communication Engineering	January 2019.
10	Chandni Divakaran P	Estimation of Pedestrian Level of Service Model at Signalised Intersections	International Journal of Advanced Research in Computer and Communication Engineering	January 2019.
11	Maria Francis	Study on Pedestrian Crossing Behaviour at Intersections	International Research Journal of Engineering and Technology (IRJET)	Mar-19

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Sl No	Name of students	Name of paper	Name of journal	Date/issue
12	Bincy B J	GIS based Road Safety Audit of State Highways in Thrissur	International Research Journal of Engineering and Technology (IRJET)	Jun-19
13	Maria Francis	Analysis of Passenger Flow Parameters of Rail Transportation In Kerala	International Research Journal of Engineering and Technology (IRJET)	Jun-19
14	Namitha Susan Josephl,	Pedestrian Safety Analysis at School Zones	International Research Journal of Engineering and Technology (IRJET)	Jun-19
15	Shahana H	A Study to Determine Pedestrian Walkability Index in Mixed Traffic Condition	International Research Journal of Engineering and Technology (IRJET)	Mar-19
16	Nivea John	Crash Prediction Modeling of Two Lane Undivided Highways Using Artificial Neural Network	International Journal of Scientific & Engineering Research	May-19
17	Aswathy K R	Performance Analysis and Modeling of Entry Capacity of Roundabout Under Heterogeneous Traffic	International Journal of Advanced Research in Computer and Communication Engineering	Jan-19
18	Leejiya Jose1	Urban Resident's Awareness and Readiness for Sustainable Transportation a Case Study	International Journal of Advanced Research in Computer and Communication Engineering	Jan-19

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S1 No	Name of students	Name of paper	Name of journal	Date/issue
19	Ameera V U	Passing Opportunity Model of Vehicles on Two Lane Undivided Highways under Mixed Traffic Conditions	International Research Journal of Engineering and Technology (IRJET)	Jun-19
20	Jerry Soman	Mode choice Behaviour Analysis of Students in Thrissur city	International Research Journal of Engineering and Technology (IRJET)	Jun-19
21	Thasneem Nadirsha,	Traffic Flow Modeling and Capacity Estimation for Heterogeneous Traffic on Four Lane Divided Carriageway	International Journal of Scientific & Engineering Research Volume 10, Issue 5, May-2019	May-2019
22	Noble Jose	Bus Route Optimization and Scheduling In Hyderabad City Using Arc-Gis in Association with Lumiplan Pvt. Ltd.	International Journal of New Technology and Research (IJNTR)	May-19
Academic year: 2018-19				
MTech				
1	Thasneem Nadirsha	Analysis and Development of Traffic Speed-Flow-Density Relationships for Urban Roadway	International Journal of Engineering and Advanced Technology (IJEAT)	Dec 2018
2	Arathi A R	Feasibility Study of Provision for Exclusive Bus Lanes on Urban Roads	International Journal of Engineering and Advanced Technology (IJEAT)	Dec-18

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S1 No	Name of students	Name of paper	Name of journal	Date/issue
3	Rosmy Sebastian	Environmental Impact Assessment of Thrissur-Vadanapally Road Project	International Journal of Engineering and Advanced Technology (IJEAT)	Dec-18
4	Bincy B.J,	Use of Data Mining Technique for Systematic Road Safety Audit of Non-urban Highways	International Journal of Engineering and Advanced Technology (IJEAT)	Dec-18
5	Midhun T	Activity Based Transportation Modeling for Chelakottukara ward of Thrissur District	International Journal of Engineering and Advanced Technology (IJEAT)	Dec-18

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A Novel Three Phase Three Level Step up Multilevel Inverter Topology for Aircraft Applications

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Abstract—Multilevel inverters give a near sinusoidal output, thus avoiding the need of a bulky filter in the inverter output. This paper proposes a novel three phase three level multilevel inverter using switched capacitors. The operating frequency is 400Hz, thus enabling its usage in aircraft and aerospace applications. The circuit is simulated using MATLAB Simulink and results are analyzed. A prototype is made and output is verified within limitations.

Keywords—multilevel inverter; three level; step up; sine PWM

I. INTRODUCTION

The fast growing world paves way for depletion of natural non renewable resources in an alarming rate. This facilitates more research in the efficient use of renewable energy resources. Problems with the renewable energy sources are the low voltage output and its inconsistent nature. So the need for stepping up of the inverter voltage becomes necessary. The non conventional inverters gives a two level output which has got high level of harmonics. This causes the need for bulky filters, which create problems in the aircraft industries. Therefore, multilevel inverters are used to obtain a near sinusoidal waveform. This gives a reduced THD output.

On studying the literature, it can be seen that majority of the circuits contain multiple voltage sources and increased number of switches. Also, in aircraft applications, the permitted THD is below 3-5%. Many of the topologies have got a THD greater than 3%. Though the conventional multilevel topologies give a reduced THD output, it will not step up the input voltage. These problems are addressed in this paper thus giving a stepped up output with reduced THD.

A researcher named Yuanmao Ye [1], introduced a single phase topology which has reduced number of switches and a single voltage source. This circuit consists of a dc part and an ac part. This circuit is modified into a three phase topology and desired output is obtained. It is also proved that this topology cannot be extended to higher number of levels, which is stated otherwise in the base paper [1].

II. PROPOSED TOPOLOGY

The proposed circuit is shown in Fig. 1. It necessarily consists of three legs, which are the three phases, phase A,

phase B and phase C. Each leg consists of two diodes and one capacitor constitute one leg. Therefore, the whole circuit consists of twelve switches, six diodes and three capacitors. All the three legs are connected to a common point. The main advantage of the circuit is the usage of a single voltage source.

The three phase output is taken from the three legs of the converter. A star connected load is used for the analysis. Circuit explanation is given for one phase of the converter. Working of other two phases is the same as that of the explained one. One phase leg of the proposed topology is shown in Fig. 2.

A. Zero Level

For obtaining the zero level output, the switches Q_0 and Q_3 are kept ON. Q_1 and Q_2 are kept OFF. In this state, the capacitor charges through the switch Q_3 . The output remains zero. Fig. 3 explains the working of a phase leg to obtain zero level output.

B. $+V_m$ Level

For obtaining $+V_m$ level, the switches, Q_2 and Q_3 are inverted from that of zero level stage. This ensures that the capacitor C_1 is still in the charging mode. At the same time, the input voltage V_m is taken out through the diode D_1 and switch Q_2 . Fig. 4 explains the working of a phase leg to obtain $+V_m$ level output.

C. $+2V_m$ Level

For obtaining $+2V_m$ level, the switch Q_0 is turned OFF and switch Q_2 is turned ON. Switch Q_3 will remain in its ON state and Q_1 will remain in its OFF state. Here, the input voltage V_m is added up with the capacitor voltage and is taken out through the switch Q_2 which gives $+2V_m$ output. Fig. 5 explains the working of a phase leg to obtain $+2V_m$ level output.

This comprises the working of one phase. The working of other two phases is same as explained above, but with 120° apart. The pole voltage is taken between the switches Q_1 and Q_3 , and the common point. The pole voltage shows the three level output and this determines the level of a three phase multilevel inverter.

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Hybrid Electric Bicycle

Jinta John, V.K. Jithesh, C.P. Lickya, Preetha Francis, U. P. Syama and Aswathy Rajan

Abstract—The traffic congestion, energy and environmental considerations are boosting the interest for Light Electric Vehicles. Electrically Power Assisted Cycles (EPAC's) show a great potential. They are cost effective, safe, easy to use and have a small footprint. In this project, we introduce a Hybrid Electric Bicycle. The hybrid electric bicycle is meant as a challenge to get, on sunny summer days to provide the most pedal assistance as possible. E-bikes need large and heavy batteries to allow riding long distance because the battery is charged only once at home. The pv panels have enough power and give the bicycle an infinite range. The cost of electrical energy that would be needed to cycle a whole day is very less. In this way comparativly simple and inexpensive vehicle can be driven with out the use of any fossil fuels. This bicycle is easily accessible, safe and requires only lesss maintaince because of the use of minimum mechanical parts. It is ideal not only for cyclist but also those for non athletes, elderly and individuals with health problems.

I. INTRODUCTION

ELECTRIC mobility is often presented as a solution to the pollution issue. A closer look reveals that electric mobility is reiterating some of the errors of fossil fuel mobility. In most cases, electric mobility is embodied by vehicles where a battery and an electric motor replace the internal combustion engine and tank. The resulting large battery packs increase the cost and thus reduce the attractiveness of these solutions for the final user. If we are to solve the pollution, cost and congestion problems of the 21st century mobility, a more integrated and all-around solution has to be adopted. Bicycles could play a critical role in this scenario. Bicycles are extremely cost effective, eco-friendly, healthy, and, in congested cities, are often the fastest way to reach one's destination. The solar electric bicycle is meant as a challenge to get, on sunny summer days, the most pedal assistance as possible out of the solar panel used. The solar electric bicycle is sportive. It may not cost substantially more energy to drive the solar electric bicycle, when not powered, than a normal bicycle. When there is no sunlight or the batteries are empty the bicycle should still be light running. E-bikes need large and heavy batteries to allow riding long distances, because the battery is charged only once at home. The solar bike approach is different. The PV panels have enough power and give the bicycle an infinite range. The battery is small, and saves weight. Without sun however, the battery can be fast charged en route in about 30 minutes because 12V 12 Ah * 2 LA batteries and 220V AC, 50 Hz, 1.0A charger allow fast charging. Although, we need a location, for instance a cafe

that allow us to use the mains. Another method is by charging the battery through a homemade windmill using a fan or a 24V DC fan (a prototype of the fan has been shown in the bicycle). The fan is placed above the front wheel of the bicycle and is connected to one of the 12V battery placed in the bicycle. The battery will be charged while the bicycle is running. This way of charging the battery will be very useful during cloudy day. The purpose of the solar bike is not energy saving. A bike is very energy efficient. The cost of the electrical energy that would be needed to cycle a whole day is very less. In terms of energy savings, this is negligible. A solar bicycle or tricycle has the advantage of very low weight and can use the rider's foot power to supplement the power generated by the solar panel roof. In this way, a comparatively simple and inexpensive vehicle can be driven without the use of any fossil fuels. The solar electric bicycle is easily accessible, safe and practical with limited maintenance requirements due to a minimum of mechanical parts used. It is ideal not only for the experienced cyclists but also for those non athletes, the elderly and individuals with health problems.

In present scenario, with increasing number of automobiles the need for petroleum products is reaching the peak point. These petroleum products are non-renewable sources and it has a danger of exhaustion in future, so it is better to move to an alternate energy sources. The price of crude oil has increased significantly over the past few years and there seems to be no turning back. Moreover global warming, pollution and scarcity of traditional resources are becoming major problems. The term "hybrid" usually implies that more than one energy source is used to power all or part of a vehicle's propulsion. The hybrid bicycle is a project that can promote both cleaner technology as well as a lesser dependence on oil. It will run on clean electric power with the ability to recharge the battery 3 separate ways: through the charger, by photovoltaic solar panels and by dynamo. Hybrid bicycles has been since 1895 on 31 December, Ogden Bolton Jr. was granted U.S. Patent 552,271 for a battery-powered bicycle with "6-pole brush-and-commutator direct current (DC) hub motor mounted in the rear wheel." There were no gears and the motor could draw up to 100 amperes (A) from a 10-volt battery. Two years later, in 1897, Hosea W. Libbey of Boston invented an electric bicycle that was propelled by a "double electric motor. Torque sensors and power controls were developed in the late 1990s. Production grew from 1993 to 2004 by an estimated 35 percent. By contrast, according to Gardner, in 1995 regular bicycle production decreased from its peak 107 million units. Some of the less expensive e-bikes used bulky lead acid batteries, whereas newer models generally used NiMH, NiCd, and/or Li-ion batteries, which offered lighter, denser capacity batteries. By 2001 the terms e-

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V.K. Jithesh is with the Jyothi Engg College
C.P. Lickya is with the Jyothi Engg College
Preetha Francis is with the Jyothi Engg College
U. P. Syama is with the Jyothi Engg College
Aswathy Rajan is with the Jyothi Engg College

DESIGN CONSISTENCY EVALUATION FOR TWO - LANE RURAL ROADS: A CASE STUDY FROM KERALA

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Abstract

Road accidents are most frequent and cause damage to human life and property. One of the main reasons for the occurrence of road accidents is lack of geometric design consistency. Geometric design consistency is having an important role in highway design. Design consistency is defined as the relationship between the geometric characteristics of a highway which is comfortable for safe driving. When the design is consistent with the driver expectation, the highway is consistent. This reduces the possibility of driving errors and unsafe manoeuvring. This paper focuses specifically on the development of new operating speed model in which the geometric features of an alignment are considered and also to evaluate design consistency with operating speed.

After taking several considerations into account, three study stretches were selected in Thrissur and Palakkad districts of Kerala State that comes under SH 23, SH 39, SH 50 and SH 74. Accident data on the selected roads were collected from 10 police stations. Geometrical survey and spot speed survey was carried out on the identified 50 curves. Spot speed data collection was conducted mechanically using the equipment TIRTL (Transportable Infra-Red Traffic Logger) and as well as manually.

Vehicles are categorised as Two Wheeler (2W), Three Wheeler (3W), Light Motor Vehicle (LMV) which includes car and jeep, Light Commercial Vehicle (LCV) which includes mini bus and mini truck, and Medium Commercial Vehicle (MCV) which includes bus and truck. Operating speed of each vehicle category was computed. Database includes geometrical elements like radius of curvature, curve length, deflection angle, width of road, level difference, degree of curvature, and also tangent length and traffic volume. Scatter plot was plotted to find out the relationship between operating speed and various geometric parameters. Then a correlation matrix was formed and the significant variables were identified. Multiple Linear Regression Analysis was performed at 95% confidence level. Models having greater R^2 value for each vehicle category were identified, performed validation and selected the model with least Root Mean Square Error Value.

Consistency evaluation was done based on Lamm's criteria which measures geometric design consistency in three levels (good, fair and poor). Based on these criteria about 26 curves were identified as good, 15 curves as fair and 3 as poor. Consistency rating was done for all types of vehicles. The number of accidents was found to be more at curves whose difference in 85th percentile speeds between tangent and curve is greater than 20 km/h. Accidents were found to be less at curves whose difference in 85th percentile speeds is less than 10 km/h. This criterion helps a designer to evaluate highway design and make suitable modifications in the design from the safety point of view.

Keywords: Consistency Evaluation; horizontal alignment; two-lane rural highway; operating speed;

Road accidents may be due to many factors like highway designs, pavement conditions, weather conditions, driver behaviour and speed limits *etc.* As the number of accidents increasing day by day, the design consistency evaluation of roads are becoming more significant. Geometric design consistency is an important component in highway design and an important tool in evaluating road safety. Design consistency refers to the condition where in the roadway alignment does not violate driver expectations [3]. Identifying and treating any

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HIGH VOLTAGE GAIN DC-DC CONVERTER FOR DC MICROGRID

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Abstract— A group of non-isolated DC-DC high voltage gain converters for DC micro grid is discussed here. The combination of non-isolated boost interleaved converter helps to obtain high step up gain without operating in a high duty ratio conditions. Through interleaved manner, a continuous current can be drawn from the given input sources. This converter can reduce the input current ripple and current stress which results in the increase the lifetime of the input source and the decrease in conduction losses. These advantages makes this in appealing for renewable applications such as solar systems, microgrid systems etc. Also they can be used to interface the 400-V DC bus in a microgrid system using the low power voltage sources like batteries, photovoltaic (PV) panels, fuel cells, etc.,

Keywords: Cuk, PV, Modified Cuk converter, LTSPICE

1. INTRODUCTION

Nowadays, importance and the use of renewable energy demand is increasing drastically and it is employable globally, the reason behind this is the energy shortage and the present environmental problems. The renewable energy systems such as fuel cells, wind power generation, and photovoltaic (PV) systems needs a dc-dc high voltage gain converters and also want a high voltage output, for this need the use of high voltage gain dc-dc converters demand is increasing drastically [5]. So the interfacing of a 400-V DC bus in a dc microgrid system voltage sources like fuel cells, photovoltaic (PV) panels, batteries, etc. can be established by using this type of converters[4]. It can also find different of application like the interfacing of uninterruptable power supplies, high-intensity discharge lamps for automobiles etc[3].

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For an actual power converters the continuous variation in the operating frequencies results in a high switching losses, low efficiency etc. In order to calculate the switching losses there some circuit simulation softwares it contains different switching device models.

But the problem is that this methods are time consuming, the information regarding to this is very limited and the result is not accurate[12]. The main problem is that this calculation only provides valid information and not to provide general information on the basis of physical insight. The other problem is that analytical switching losses (on the basis of some assumption) results in less accurate but it is easy task for the designers to calculate it in an easy manner, by using this they can make immediate comparisons on the basis of some of the operating parameter and switching performance[1].

There are some systems which is used to convert the dc-dc, low voltage to high voltage, renewable energy to electrical energy and vice versa. For this type of system requires a high step up conversion and also need high step up gain, which results in the increase in the cost and decrease in the efficiency[12]. By analytically calculating the switching models the designers must have much more knowledge about the switching loss mechanism and also need some physical insight about it.

In centralized inverter topology, the simplified version of AC module configuration is used. In this inverter is connected with a single string of PV modules. For minimizing the losses separate MPPT algorithm is applied to each String of the PV modules[9]. By comparing this with the centralized inverter topology, it creates a reduction in the system reliability and increase in the overall efficiency of the system. The reduction in the system reliability is mainly due to the connection of individual PV modules in the high voltage gain converters[14]. By connecting a multiport high voltage converters and power sources for power sharing, MPPT algorithms etc. For each individual module we can implement this method also at the input port.

By implementing the commonly used step up converters like buck boost converter, flyback converters, boost converters etc because of leakage inductance and losses in the resistance reduce the efficiency and high step up conversion ratio and also the voltage stress quite large for this type of converters[13]. In order to overcome this high voltage step up gain

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Performance Evaluation of Kerala State Road Transport Corporation

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Abstract—Kerala State Road Transport Corporation (KSRTC) is the oldest state run public bus transport services in India. It plays a crucial role in strengthening the public transport system in Kerala. But today the corporation is facing a big crisis. The main objectives of this study are to evaluate the operational and financial performance of KSRTC and to compare the performance of various depots in KSRTC. This study uses both primary and secondary data. It includes interviews with the employees and visiting major depots and KSRTC offices to collect the required data. Different parameters for data analysis are operational parameters and financial parameters which includes, fleet, collection and passengers etc. The analysis of 28 main bus depots of Kerala State Road Transport Corporations are done by using Data Envelopment Analysis (DEA) in the software DEAP 2.1. The analysis shows that Trivandrum City and Trivandrum Central depots have maximum degree of efficiency in every year with an average efficiency score of 1. Ernakulam is the most inefficient depot with average efficiency score of 0.741. It is found out from the Technical Efficiency analysis that on an average 11.5 percent of the technical potential of the depot is not in use. This study has discussed how DEA can be applied to evaluate the degree of efficiency of the depots. Thus, these results give an indication on the degree of efficiency of depots in the process of transforming inputs into output. Target values are also discussed in this project. Target values are the values of input and output which would result in an inefficient organization to become efficient.

Keywords—KSRTC; Technical efficiency; Data Envelopment Analysis; Decision Making Units;

I. INTRODUCTION

Transportation is the most important part of human life. It allows people to travel from one place to another. To make people feel convenient and comfortable with their position, different modes of the transportation system are found and it is evolved from the earliest stage to the present stage of the transportation system. At present, with the upgraded technology different modes of transportation systems are developed. The primary mode of transport for most of the Indian citizens are public transport. The availability of a safe and comfortable passenger transport facility is an important index of the economic development of any Country. Public transport provides vital connectivity to different areas of society.

Kerala State Road Transport Corporation (KSRTC) was developed in 1961. KSRTC is a state-owned public transport corporation in the Indian State of Kerala. This organization divided into three different zones for its proper working namely North Zone, Central Zone, and South Zone, with headquarters at Thiruvananthapuram. The corporation has

6241 buses which include Scania, Volvo, Ashok Leyland, Tata Motors, Eicher Motors, and minibuses.

Kerala State Road Transport Corporation(KSRTC) It is one of the oldest state-run public bus transport services in India. It has an important role in the public transport system strengthening in Kerala. But today the corporation is facing a huge crisis in its operation. Management problems, increase in fuel price, etc. can be called as reasons for this crisis. This project aims to study the performance of Kerala Road Transport Corporation by collecting operational and financial parameters from all the depots in Kerala. So the main objectives of this project are

1. To evaluate the operational and financial performance of KSRTC
 2. To compare the performance of various depots in KSRTC
- In India, it is not a good experience to travel through public transport, and for good reason. Most of the vehicles run by its state road transport undertakings (SRTUs) is old, and there is a shortage of funds to replace them. The government report shows that most of the SRTUs are not profitable. So it is important to understand various problems associated with working of KSRTC which makes the corporation inefficient, to improve the efficiency of depots.

II. LITERATURE REVIEW

This section provides an overview of previous research on Road Transport Corporation with a specific focus on efficiency improvement, management strategies and related issues of the corporation. It shows the details and methods used for the case study that contains the main focus of the research explained in this thesis.

Bangalore is the largest city in the state of Karnataka and is considered to be the Information Technology capital of India. In order to fulfill the different needs of the growing city population BMTC had introduced different services to serve the different segments of public transportation users. The performance evaluation of Bangalore Metropolitan Transport Corporation specifically aiming at premium bus services of BMTC operating in Bangalore city is conducted by Devaraj Hanumappa et al. (2016). The performance measurement of premium bus services is done using two different approaches. Ratios were computed considering different operational and financial indicators and these ratios are benchmarked by considering the best performing units as the target to compare the bus depots performance. Further, they studied the performance of bus depots using data envelopment analysis (DEA). The main conclusion in our study is that even though the cost of operation in terms of fuel, type maintenance, etc., has increased in these days the efficiency of these depots and

A Comprehensive Study on Human Interaction with IoT Systems

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Abstract - Internet of Things (IoT) is one among the trending technology in this digital era. Developments in network infrastructure and automated devices boosted the reach of IoT. The IoT can be defined as a network of internet-connected things (e.g., computers, vehicles, and sensors). These interconnected things exchange data between themselves and help people to access internet-connected devices, applications, and services anytime and at anywhere. The technological advancements mainly focused on how to make huge profit by enabling faster machine to machine communication. Still there is a challenge exists to provide an efficient and better interaction between human beings and IoT systems.

User could either monitor or configure internet connected things at home, offices and any other places for control of various functions like temperature, humidity, lighting and other energy efficiency. Users can be of different types. Depending on them, dissemination of IoT became a great issue. Because, the users like children, elderly people and various kinds of disabled persons will be the intended customers of specific IoT devices. To make them comfortable with the products, their interaction with IoT devices should be smooth and easier. Here, in this paper we tried to evaluate some of the early published interacting systems developed by others. This will enable you to understand the working principles used by them and will help you to integrate various methods to develop a better interacting system devoid of limitations experienced by them.

Key Words: IoT, Man and IoT, Human interaction with IoT, IoT device controls, Human to machine communication, Smart Wearables, Gesture recognition, Speech recognition....

1. INTRODUCTION

Internet of Things (IoT) has been emerging as a new phenomenon that will change the world. IoT will make an impact on different aspects of human life such as the economy, welfare, security, safety, etc. There are a lot of applications for IoT like smart homes, smart cities, healthcare, etc. IoT establishes interrelated computing devices, where each one has a unique identifier and can communicate with each other with minimum human intervention [1]. The number of internet-connected devices is now dramatically growing. According to a recent study on the prediction of IoT market share, the number of IoT devices will approach 100 billion and the total amount of

data generated by the users and devices will reach 35 ZB by 2020 [2].

However, the current technologies mainly focus on improving the machine-to-machine communication/interaction, rather than the interaction between users and machines. For example, some IoT platforms designed for smart home automation provide a web-based UI and a mobile application to register, manage, and control the smart home appliances connected to them. Users must first open the website or the mobile application, explore a page to select a menu, find a room or location, and finally select the device to be manipulated from a list. After selecting the device, the users can check the status or control it by touching or clicking the buttons on the webpage or mobile page. However, this UI and procedure will become tedious and time-consuming to the users with the current rapid increase in the number of IoT ready devices. Additionally, users who are not familiar with smart devices, such as children and seniors, or those with limitations in accessing them, such as severely ill patients or the disabled, will encounter difficulties in using the IoT applications and services. This inconvenience will be a major obstacle to the dissemination of the IoT [3].

Typically, 'interaction' in the context of IoT means interfaces which allow people to either monitor or configure IoT devices. Some examples include mobile applications and embedded touchscreens for control of various functions (e.g., heating, lights, and energy efficiency) in environments such as homes and offices. Additionally, users who are not familiar with smart devices, such as children and seniors, or those with limitations in accessing them, such as severely ill patients or the disabled, will encounter difficulties in using the IoT applications and services. This inconvenience will be a major obstacle to the dissemination of the IoT. Thus, there is a need to investigate what kinds of interaction techniques could provide IoT to be more human oriented, what is the role of automation and interaction, and how human originated data can be used in IoT [4].

In this paper we tried to study some human-machine interacting systems. It includes a complete description on methodology and schemes of each system along with its limitations. This paper will make us aware about various interaction methods in detail.

A Prototype Design of RFID Centered Hi-Tech Toll Assortment Plaza

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ABSTRACT

The superhighway of transport has become an extra factor in contemporary road system and the physical toll assortment system has turn out to be old fashion due to its digit of problems. By engaging computerized toll assortment system, driver of motor vehicles require not to stopover at a booth or and excess period for coming up in an extended queue to remunerate the toll. This eases the feeding of fuel, lessen congestion, increase road safety. A Radio-Frequency Identification (RFID) Electronic Toll Assortment (ETA) system is fundamentally aimed for an incessant toll assortment, which has developed an imperative part of intellectual transport scheme. This paper grants the perception of RFID ETA by means of designed scheme. This effort eradicates the requirement for drivers and toll consultants to by hand achieve ticket expenses and toll fee assortments, correspondingly. Data info are also effortlessly swapped among the drivers and toll experts, thereby it is able to abolish probable hominoid inaccuracies for well-organized toll assortment.

Keywords: Radio-Frequency Identification (RFID), Electronic Toll Assortment (ETA), vehicle monitoring, Management center, Monitoring station.

1. INTRODUCTION

This paper defines the RFID grounded toll assortment in demand to decrease the traffic in tollbooths as hold back time. Radio Frequency Identification is an auto identification technology which uses radio frequencies to recognize matters remotely. It does the work of sensing, billing, and accounting for vehicles as they permit through toll (Aniruddha and Kshitiju., 2014). An RFID tag is programmed with information in the form of a code which can be recite over a substantial remoteness so that its matters categorizes the vehicle and develop transaction to be undertaken with respect to the specific tag. It takes the advantages of radio frequencies ability to travel extended ranges with well data competencies and extraordinary speed.

In contemporary era of technology, wherever machineries are actuality widely castoff in all the fields. We are demanding to emulate idea, which will be of pronounced and that can be used in communal transportation scheme. Nowadays an individual has to mobile long space into immensely unidentified terrains for profession, trade or even for travel. As the vehicles are increasing and transportations that are dropping short, currently we see regular traffic jam or long logjams at the toll station coming up for giving the toll. Paying the toll every time over cash or inspection of the pass takes a lot while and nowadays time is more important than money. Therefore this paper aims at minimize the time expended for manual transactions, human effort and air pollution (Wei-Hsun Lee, Shian-Shyong et al., 2008; F.Don., 2004).

2. LITERATURE REVIEW

Tolls has a significant role in supporting road developments if traffic is further than a certain level, then the externalities of toll plaza in relations of time wasted, fuel consumed and incremental air pollution makes them an ineffective and counterproductive device for funding road. The objective of this project is to make an automatic toll



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Low Cost Ventilator

വെന്റിലേറ്റർ വികസിപ്പിച്ച് ജ്യോതി എൻജിനീയറിങ് കോളേജ്

തൃശ്ശൂർ - കോവിഡ് രോഗികൾക്കുവേണ്ടിയുള്ള വെന്റിലേറ്റർ വികസിപ്പിച്ച് ജ്യോതി എൻജിനീയറിങ് കോളേജ് ഫാബ് ലാബും കാഡ്മി ആലെ അഗ്രോടെക് എന്നീ സ്റ്റാർട്ടപ്പുകളും.



സാധാരണ വെന്റിലേറ്ററിന് മൂന്നു ലക്ഷം രൂപ മുതൽ

ജ്യോതി എൻജിനീയറിങ് കോളേജിലെ സംഘം അവിടെ വികസിപ്പിച്ച വെന്റിലേറ്ററുമായി

ആറുലക്ഷം രൂപ വരെയാണ് ചെലവ്. ഇതിന് ഇരുത്തയ്ക്കായി രൂ. മുതൽ അമ്പതിനായിരം രൂപ വരെയാണ് ചെലവ് പ്രതീക്ഷിക്കുന്നത്. ജ്യോതി എൻജിനീയറിങ് കോളേജിലെ ഫാബ് ലാബിലാണ് വെന്റിലേറ്റർ വികസിപ്പിച്ചത്.

ഡി.കെ.ടി. വിസർച്ചി (ഐ.സി.എ.ആർ.)ന് അയച്ചുകൊടുക്കുവാനുള്ള തയ്യാറെടുപ്പിലാണ് ജോഷ്യാ മോഹൻ, വർക്കി എഫ്. തച്ചിൽ, ലിനേറാ പി. ജോസ് എന്നിവർ. ആഴ്ചയിൽ ഇരുനൂറ്റിലധികം വെന്റിലേറ്ററുകൾ നിർമ്മിച്ചു നൽകാൻ സാധിക്കുമെന്ന് ഇവർ പറഞ്ഞു.

ഇത് അപ്രൂവലിനുവേണ്ടി ഇന്ത്യൻ കൗൺസിൽ ഫോർ മെ

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Smart Bus



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LYZA



എച്ചെസിഐ, ഇസിഐ, ഐഎസ്ഐ തുടങ്ങിയവയുടെ നേതൃത്വത്തിൽ നടന്ന മരുന്ന വിശ്വകർമ്മ മാസത്തിൽ അദ്ധ്യക്ഷൻ അദ്ധ്യക്ഷനായ തൃശ്ശൂർ ചെറുതുരുത്തി ജ്യോതി എൻജിനീയറിംഗ് കോളേജ് ഉപാദ്ധ്യക്ഷന് എ. വെങ്കയ്യ നാമിഡൂരിൽ നിന്നു പുരസ്കാരം ഏർപാടുന്നു.

മരുന്ന വിശ്വകർമ്മ മാസത്തിൽ ജ്യോതി കോളേജ് രണ്ടാമത്

നൂപ്യാൻസി • എച്ചെസിഐയുടെ നേതൃത്വത്തിൽ പ്രവർത്തിക്കുന്ന സമീകൃതമായ ഇസിഐ, ഐഎസ്ഐ എന്നിവയുടെ സഹകരണത്തോടെ നടന്ന മരുന്ന വിശ്വകർമ്മ മാസത്തിൽ ചെറുതുരുത്തി ജ്യോതി എൻജിനീയറിംഗ് കോളേജിനു സമ്മാനം സാമ്പിളി

ഷൻ, മാലിന്യ മാനേജ്മെന്റ് വിഭാഗത്തിൽ മൽസരിച്ച കോളേജ് രണ്ടാം സ്ഥാനം നേടി. മനോഹരമായ സ്മൃതികൾക്ക് ഉപയോഗിക്കാൻ സാധിക്കുന്ന സാമ്പിളി ട്രാവൽകളാണു ഇവർ അവതരിപ്പിച്ചത്. അസന്ത തസ്തിക, ലിമിറ്റഡ്, കോളിൻ ആന്റോ

ബിസി മരിയ എന്നീ വിദ്യാർത്ഥികളുടെ സഹായമാണു സമ്മാനത്തിന് അർഹരായത്. ആറു മേഖലകളിലെ മൽസരത്തിൽ വിജയിച്ച 116 സ്കൂളാണു അവസാന റൗണ്ടിലെത്തിയത്. ഉപാദ്ധ്യക്ഷന് എ. വെങ്കയ്യ നാമിഡൂരി പുരസ്കാരം അർപ്പിക്കപ്പെട്ടു.

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Thermo Acoustic Refrigerator



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ക്യാമ്പസ്

ആരംഭം, ആവേശം, ആഘോഷം

ചൂടുകാലത്ത് ചില തണുപ്പൻ ആശയങ്ങൾ!

ശബ്ദതരംഗങ്ങളിൽനിന്നു തണുപ്പി ആൽപത്യ ചിഹ്നം കണ്ട് ആൽപത്യപ്പേടങ്ങ. ശബ്ദത്തിൽനിന്നു ചൂട് കൂരയ്ക്കാൽ കഴിയുന്ന സവിധാനം ആണിതാണത്.

ജ്യോതി എൻജിനീയറിംഗ് കോളജിലെ കോഴ്സുകാർ വിദ്യാർത്ഥികളായ ആൽവിൽ ജോസ്, ഫ്രാഡി ചാക്കോ, ജാക്ക്സൺ കെ.ജോസ്, ജോജി ജോസഫ്, കിരൺ ഹാലി യേശു എന്നിവർ ചേർന്നാണ് ചെലവു കുറഞ്ഞ തണുപ്പൻ വിദ്യ കണ്ടുപിടിച്ചത്. തെർമോ അകോസ്റ്റിക് സിദ്ധാന്തം അടിസ്ഥാനമാക്കിയാണ് പ്രോജക്ട് തയ്യാറാക്കിയതെന്നും.

രാജ്കിരീടം നൽകി. ശബ്ദതരംഗം താപോർജ്ജമായി മാറുന്നതു വളരെ ചെലവേറിയ പ്രക്രിയയാണ്. എന്നാൽ അഭ്യൂതിനിയം പേറ്റന്റിൽ, പാത്രം കഴുകാൻ ഉപയോഗിക്കുന്ന സ്റ്റീൽ ബ്രഷ് തുടങ്ങിയ ചെലവു കുറഞ്ഞ ലളിതമായ വസ്തുക്കൾ മാത്രമാണ് സൗജന്യമായി സവിധാനത്തിനായി ഉപയോഗിച്ചത്.

13 ഡിഗ്രി സെൽഷ്യസ് വരെ താപനില കുറയ്ക്കാൻ ഉപകരണം വഴി സാധിക്കുമെന്നു വിദ്യാർത്ഥികൾ അവകാശപ്പെടുന്നു. പിന്തുണയുമായി കോളജ് പ്രിൻസിപ്പൽ ഫാ.ഡോ.ജെയ്സൺ



ജ്യോതി എൻജിനീയറിംഗ് കോളജിലെ പ്രോജക്ട് സംഘം. പോൾ കുളുരിക്കൽ, ഫാ.റോയ് വർഗീസ് ജോൺ എന്നിവർ ചൂട്, ജോസഫ് വടക്കൻ, വി.പ്രഹരകെ. ജോയിയുന്നു.

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A low cost Braille Printer using Dot Matrix



കൊല്ലത്തു നടന്ന മലയാള മനോരമ - ഐബിഎസ് - യുവ മാസ്റ്റർ മെമ്മർസ് ഗ്രാന്റ് ഫിനാലെയിൽ സ്കൂൾ വിഭാഗം ഒന്നാം സ്മാനം നേടിയ തിരുവനന്തപുരം മേരി നിലയം സീനിയർ സെക്കൻഡറി സ്കൂൾ ടീമും (ഇടത്ത്), കോളജ് വിഭാഗം ഒന്നാം സ്മാനം നേടിയ തൃശ്ശൂർ ചെറുതുരുത്തി ജ്യോതി എൻജിനീയറിങ് കോളജ് ടീമും കേന്ദ്രമന്ത്രി അൻഫോൻസ് കണ്ണന്താനത്തോടൊപ്പം. ജൂറി ചെയർമാൻ ജി.വിജയരാഘവൻ, മലയാള മനോരമ ഡബ്ല്യുടി എഡിറ്റർ, ഡയറക്ടറുമായ ജയന്ത് മാമ്മൻ മാത്യു, ഐബിഎസ് ഫൗണ്ടർ, എക്സിക്യൂട്ടീവ് ചെയർമാനുമായ വി.കെ. മാത്യുസ്, അമൽജ്യോതി എൻജിനീയറിങ് കോളജ് പ്രിൻസിപ്പൽ സെഡ്.വി. ശ്യാമപ്രസാദിൻ എന്നിവർ സമീപം. (വേള് 17 കറണുക)

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Tongue Driven Wheel Chair



ശരീരത്തിന്റെ ചലനശേഷി നഷ്ടപ്പെട്ടവർക്ക് നാവികോണ്ട് നിര ത്തിക്കാവുന്ന വീൽചെയർക്കാൽ ജ്യോതി കോളജിലെ വിദ്യാർത്ഥികളും അധ്യാപികയും.

വീൽചെയർ തള്ളാൻ ഇതി നാവ് മതി

ചെയ്യുന്നുണ്ട് • ശരീരത്തിന്റെ ചലനശേഷി നഷ്ടപ്പെട്ടവർക്കു നാവുകൊണ്ടുനിരത്തിക്കാവുന്ന ടിഡിഎസ് പ്രജക്ട്രിവാൻസിസ്റ്റം വീൽ ചെയർക്കാൽ ജ്യോതി എൻജിനീയറിങ് കോളജിലെ വിദ്യാർത്ഥികൾ ചലനശേഷി നഷ്ടപ്പെട്ടവരുടെ നാവിൽ ഒരു ചെറിയ കാത്തിക സ്റ്റമ്പു കവിളിനു പുറത്ത് ഹോൾ ഹോൺ മാതൃകയിലുള്ള നാവു കാത്തിക സെന്ററുകളും അടിച്ചുമാണു വീൽചെയർ പ്രവർത്തിപ്പിക്കുന്നത്. സെൻസറുകളുടെ അടുത്തേക്കു നാവ് ചലിപ്പിക്കുന്നത് അനുസരിച്ചു

വീൽചെയർ മുൻപിലേക്കു, പുറകിലേക്കു, ഇരുവശങ്ങളിലേക്കു, തിങ്ങും. കോളജ് ഇലക്ട്രിക്കൽ ആൻഡ് ഇലക്ട്രോണിക്സ് വിഭാഗത്തിലെ അസോസിയേറ്റ് പ്രഫസർ അനു സണ്ണിയുടെ കേന്ദ്രമായ അതിൽ അവസാന വർഷ വിദ്യാർത്ഥികളായ റിപർ വിജയൻ, ബെസ്റ്റോ ജോർജ്ജ്, പി.കെ.ആന്റോ, നയിത ആർ, ഷൈനാത്, കെ.ജോർജ്ജ് സേവ്യർ എന്നിവരുടെ നേതൃത്വത്തിലാണ് ടിഡിഎസ് വീൽ ചെയർമാതൃക നിർമ്മിച്ചത്.

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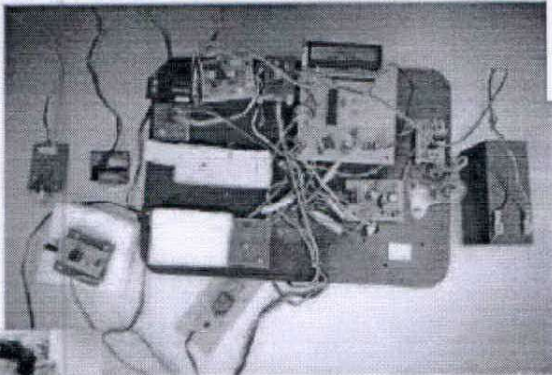
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Smart Vehicle Security System

റോഡപകടങ്ങൾ നിയന്ത്രിക്കാൻ സ്മാർട്ട് വെഹിക്കിൾ സെക്യൂരിറ്റി സിസ്റ്റം

മുഖ്യമന്ത്രിയുടെ നേതൃത്വത്തിൽ സംസ്ഥാന സർക്കാർ അധ്യക്ഷത വഹിച്ചു. സ്മാർട്ട് വെഹിക്കിൾ സെക്യൂരിറ്റി സിസ്റ്റം വികസിപ്പിച്ചെടുക്കാനും അതിന്റെ വികാസത്തിനും സർക്കാർ തയ്യാറാകുമെന്ന് അദ്ദേഹം പറഞ്ഞു. സ്മാർട്ട് വെഹിക്കിൾ സെക്യൂരിറ്റി സിസ്റ്റം വികസിപ്പിച്ചെടുക്കാനും അതിന്റെ വികാസത്തിനും സർക്കാർ തയ്യാറാകുമെന്ന് അദ്ദേഹം പറഞ്ഞു.

സ്മാർട്ട് വെഹിക്കിൾ സെക്യൂരിറ്റി സിസ്റ്റം വികസിപ്പിച്ചെടുക്കാനും അതിന്റെ വികാസത്തിനും സർക്കാർ തയ്യാറാകുമെന്ന് അദ്ദേഹം പറഞ്ഞു. സ്മാർട്ട് വെഹിക്കിൾ സെക്യൂരിറ്റി സിസ്റ്റം വികസിപ്പിച്ചെടുക്കാനും അതിന്റെ വികാസത്തിനും സർക്കാർ തയ്യാറാകുമെന്ന് അദ്ദേഹം പറഞ്ഞു.



സ്മാർട്ട് വെഹിക്കിൾ സെക്യൂരിറ്റി സിസ്റ്റം വികസിപ്പിച്ചെടുക്കാനും അതിന്റെ വികാസത്തിനും സർക്കാർ തയ്യാറാകുമെന്ന് അദ്ദേഹം പറഞ്ഞു. സ്മാർട്ട് വെഹിക്കിൾ സെക്യൂരിറ്റി സിസ്റ്റം വികസിപ്പിച്ചെടുക്കാനും അതിന്റെ വികാസത്തിനും സർക്കാർ തയ്യാറാകുമെന്ന് അദ്ദേഹം പറഞ്ഞു.

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True Copy Attached

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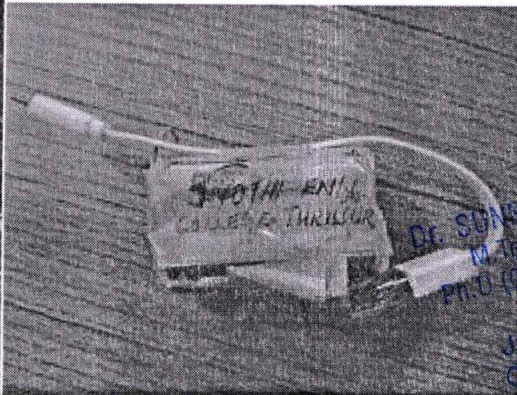
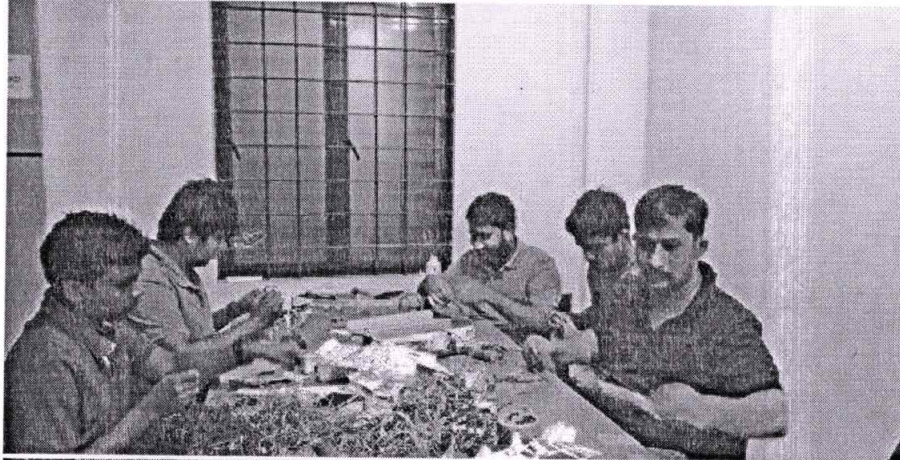
Power Bank Manufacturing

Date: 18 to 20 August 2018

Venue: Palakkad, Thrissur

Make of One time Mobile charger for the flood effected peoples during the heavy flood occurred in Kerala in 2018. A total of 150 mobile chargers were made at Palakkad and Thrissur in two centers and has distributed in Nelliampathy, Chegannur & Cochin areas. The project helped a lot of peoples and a good feedback has been given by the public.

A total of 10 more students in Palakkad and More than 30 students in Thrissur joined in TEEE-TAS chapter by seeing the various activities of the chapter, many have shown interest to join the chapter. The chapter hopefully planning to conduct more activities in the coming years.



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